

NOVEL TOOLS FOR THE DIAGNOSIS AND
TREATMENT OF ALZHEIMER'S DISEASE

MANDELKOW ET AL. U.S.S.N. 09/640,737

ATTORNEY DOCKET NO. 28384/36668

REPLACEMENT SHEET

1 / 55

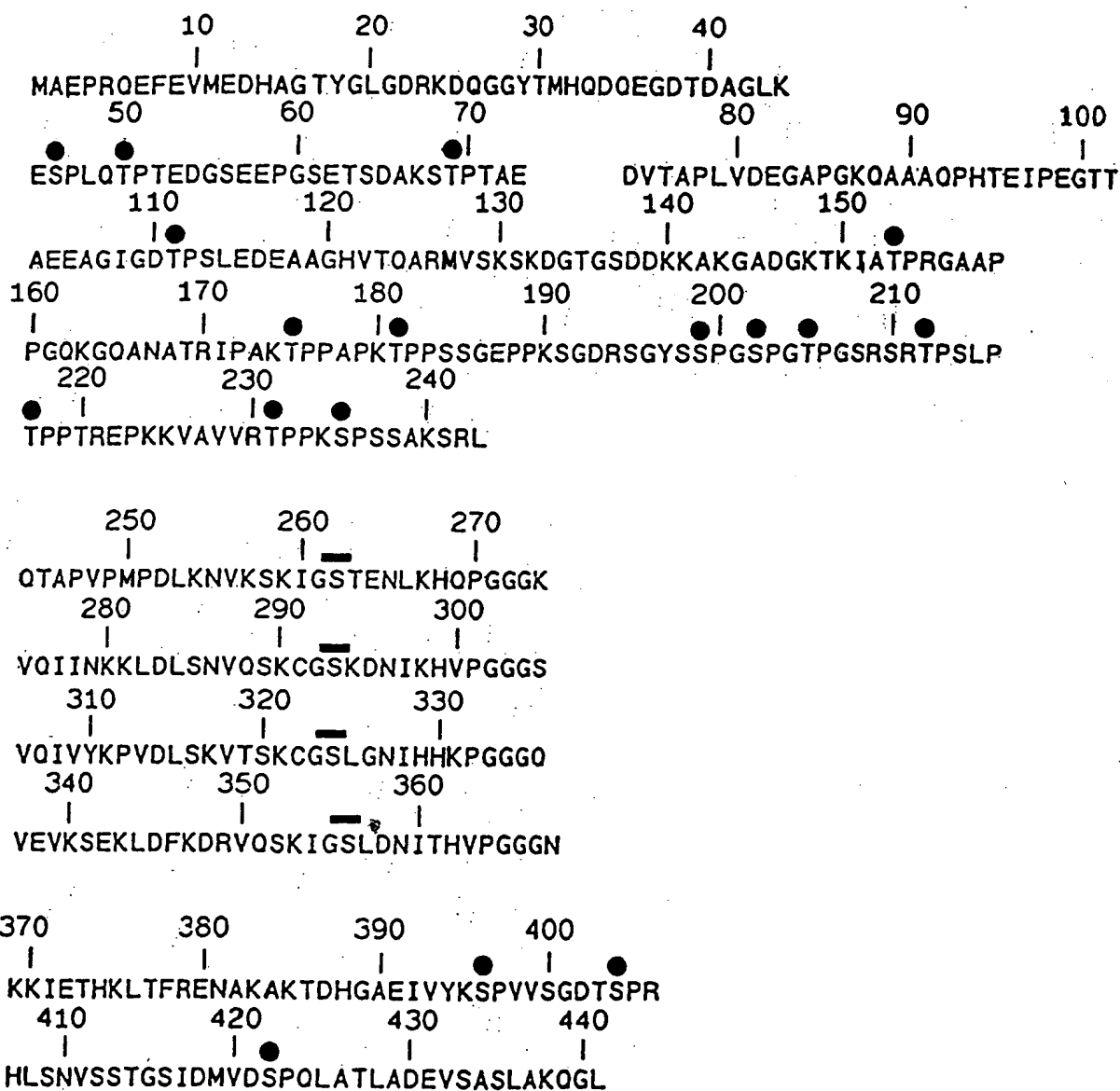


FIGURE 1A

NOVEL TOOLS FOR THE DIAGNOSIS AND
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ATTORNEY DOCKET NO. 28384/36668
REPLACEMENT SHEET

2 / 55

FIGURE 1A

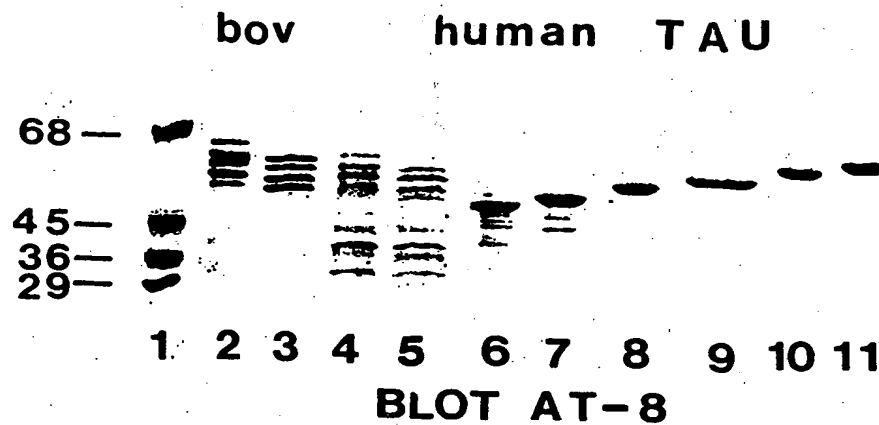


FIGURE 1B

NOVEL TOOLS FOR THE DIAGNOSIS AND
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ATTORNEY DOCKET NO. 28384/36668
REPLACEMENT SHEET

3 / 55

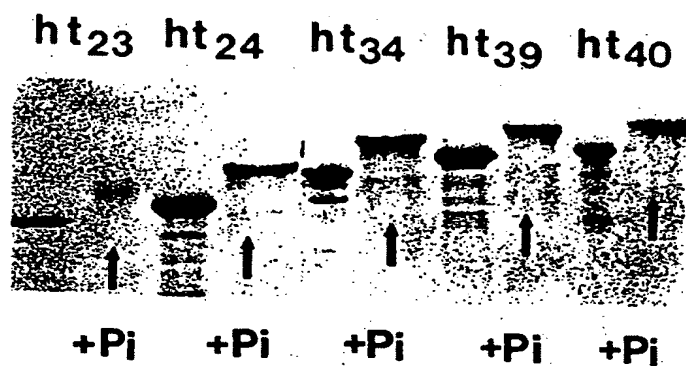


FIGURE 2A

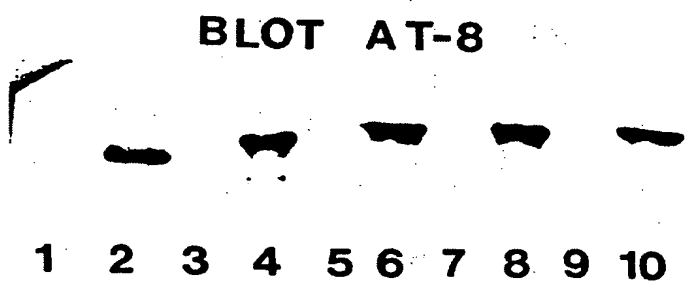


FIGURE 2B

NOVEL TOOLS FOR THE DIAGNOSIS AND
TREATMENT OF ALZHEIMER'S DISEASE
MANDELKOW ET AL. U.S.S.N. 09/640,737
ATTORNEY DOCKET NO. 28384/36668
REPLACEMENT SHEET

4 / 55

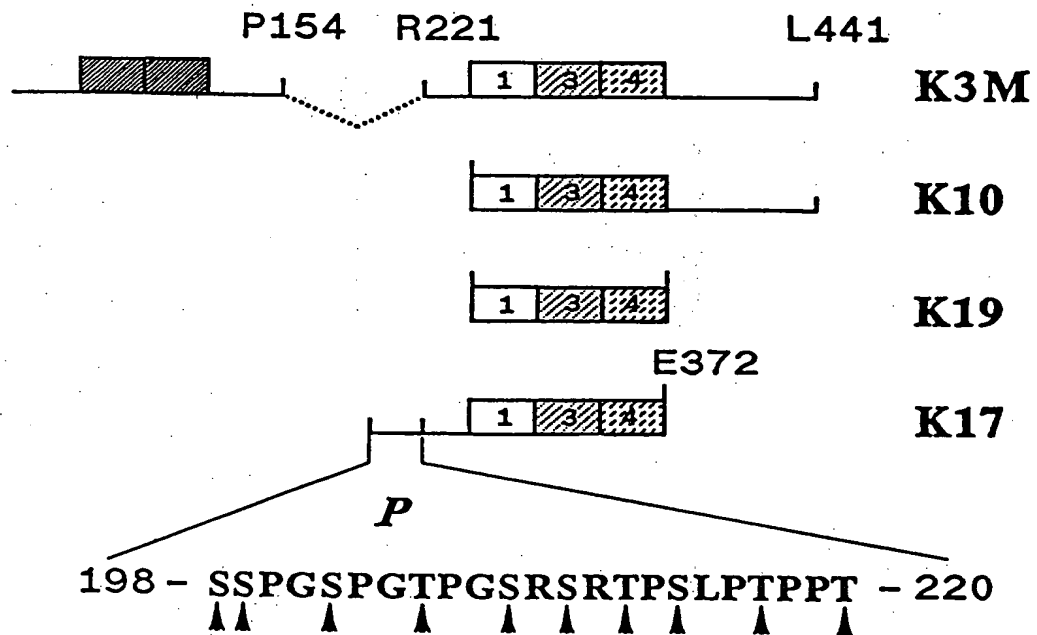


FIGURE 3

5/55

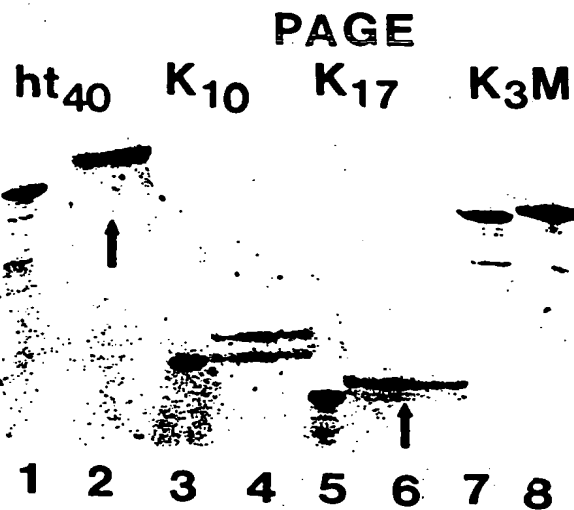


FIGURE 4A

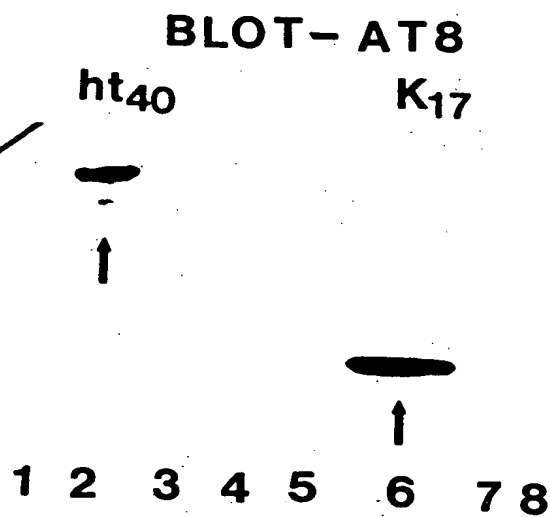


FIGURE 4B

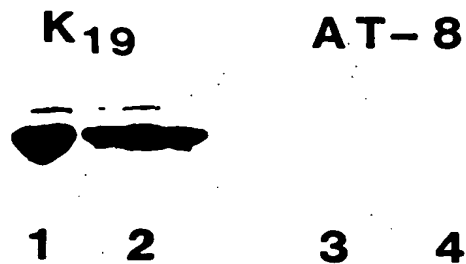


FIGURE 4C

NOVEL TOOLS FOR THE DIAGNOSIS AND
TREATMENT OF ALZHEIMER'S DISEASE
MANDELKOW ET AL. U.S.S.N. 09/640,737
ATTORNEY DOCKET NO. 28384/36668
REPLACEMENT SHEET

6 / 55

htau 23

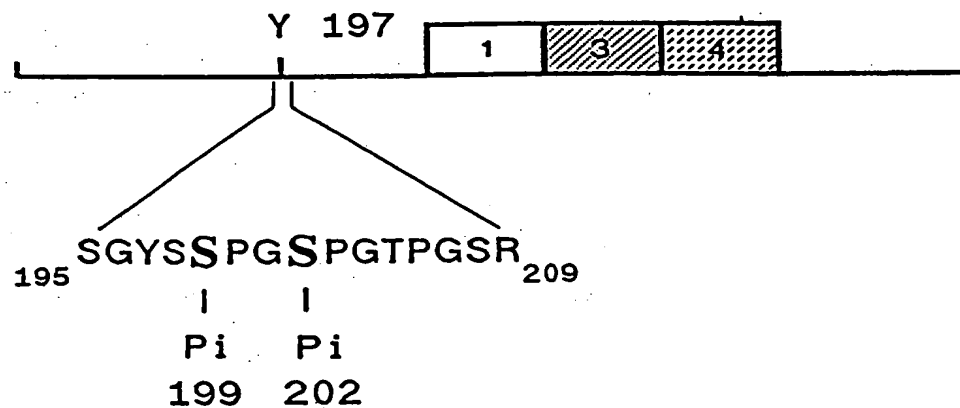


FIGURE 5

NOVEL TOOLS FOR THE DIAGNOSIS AND
TREATMENT OF ALZHEIMER'S DISEASE
MANDELKOW ET AL. U.S.S.N. 09/640,737
ATTORNEY DOCKET NO. 28384/36668
REPLACEMENT SHEET

7 / 55

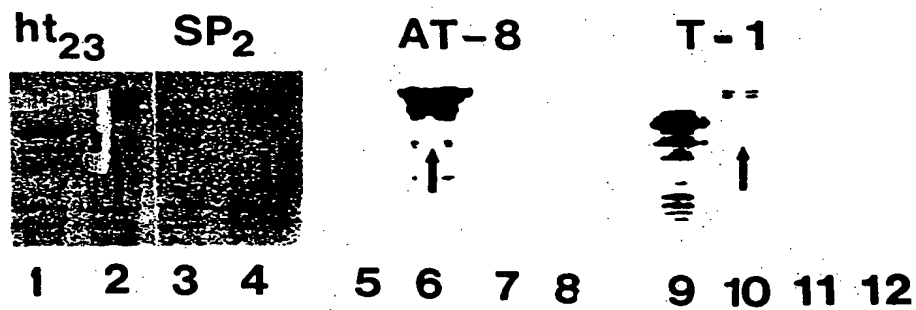


FIGURE 6

8 / 55

FIGURE 7A

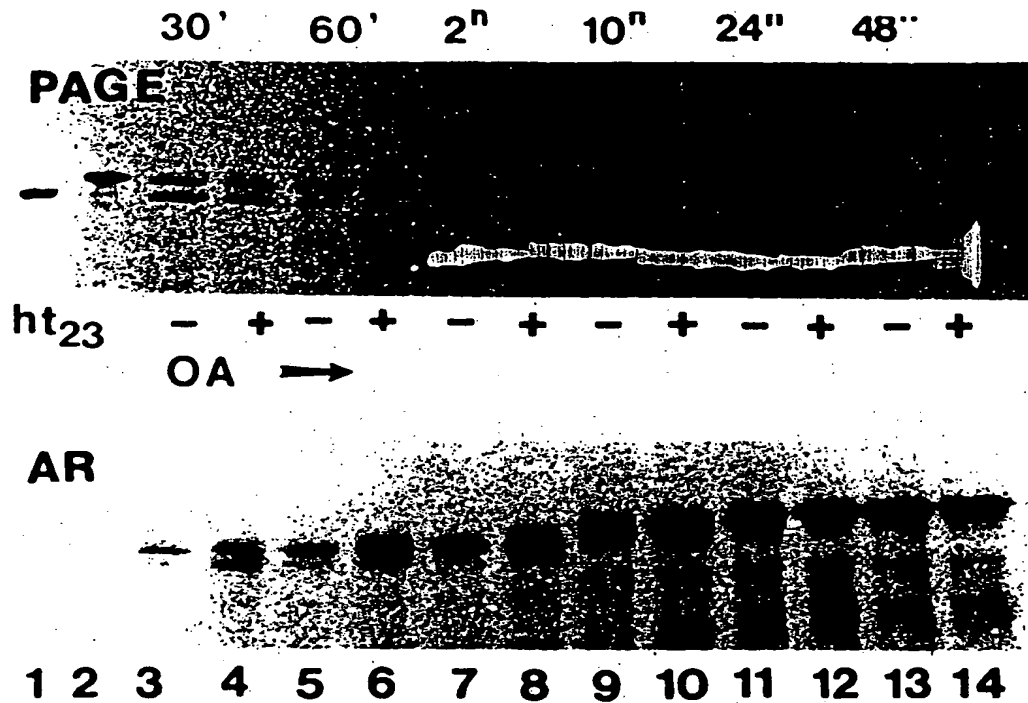


FIGURE 7B

FIGURE 8A

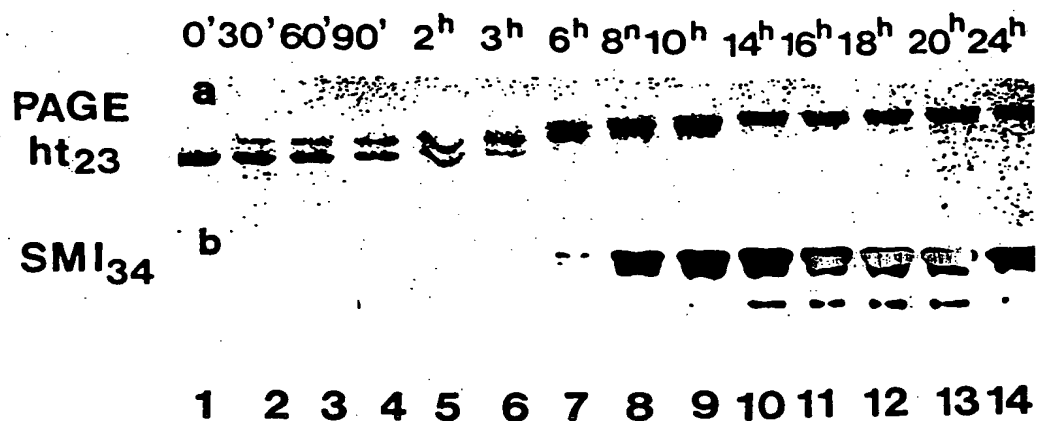


FIGURE 8B

NOVEL TOOLS FOR THE DIAGNOSIS AND
TREATMENT OF ALZHEIMER'S DISEASE
MANDELKOW ET AL. U.S.S.N. 09/640,737
ATTORNEY DOCKET NO. 28384/36668
REPLACEMENT SHEET

9 / 55

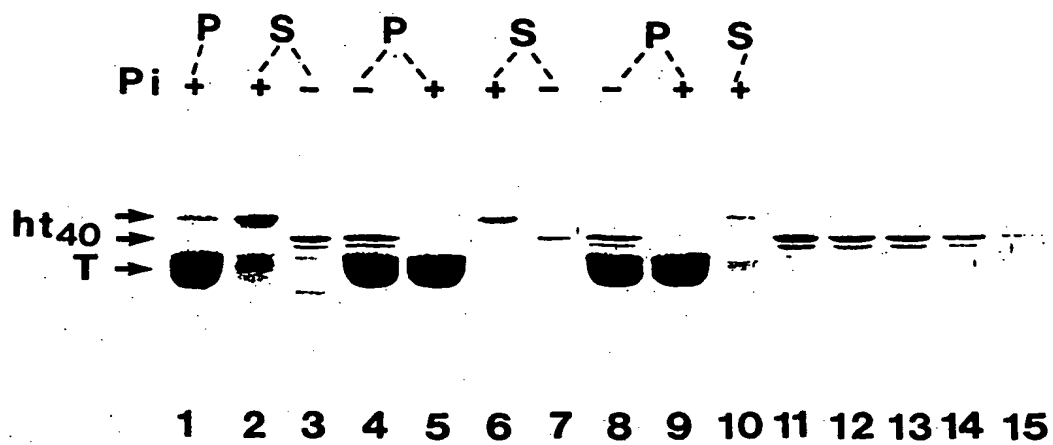
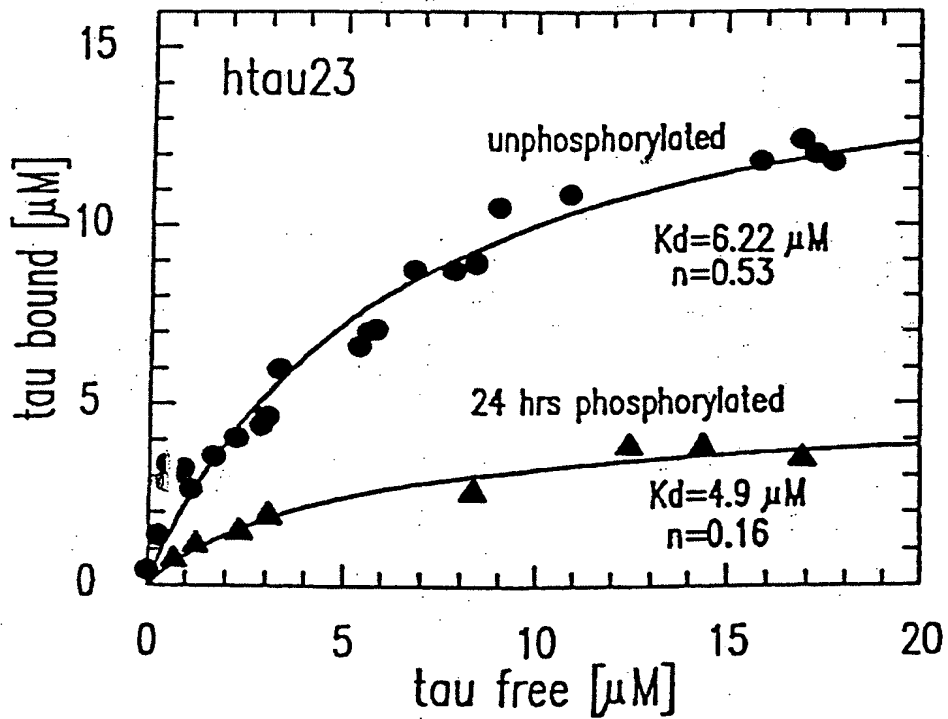


FIGURE 9A

NOVEL TOOLS FOR THE DIAGNOSIS AND
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MANDELKOW ET AL. U.S.S.N. 09/640,737
ATTORNEY DOCKET NO. 28384/36668
REPLACEMENT SHEET

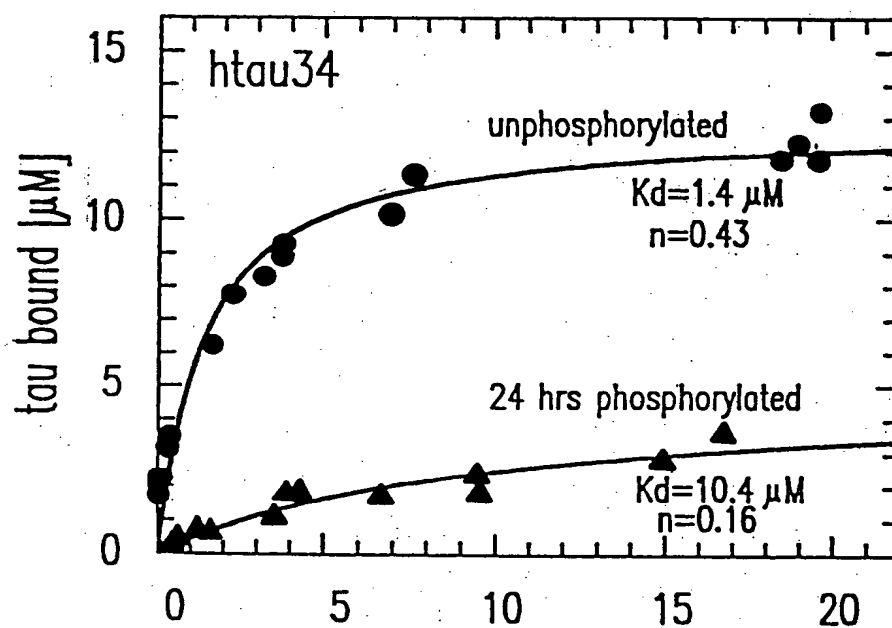
10 / 55

FIGURE 9B



11 / 55

FIGURE 9C



12 / 55

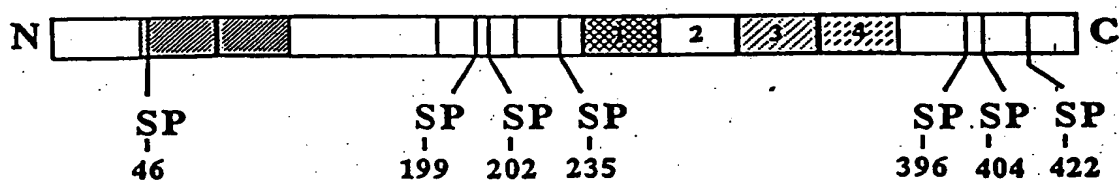


FIGURE 10

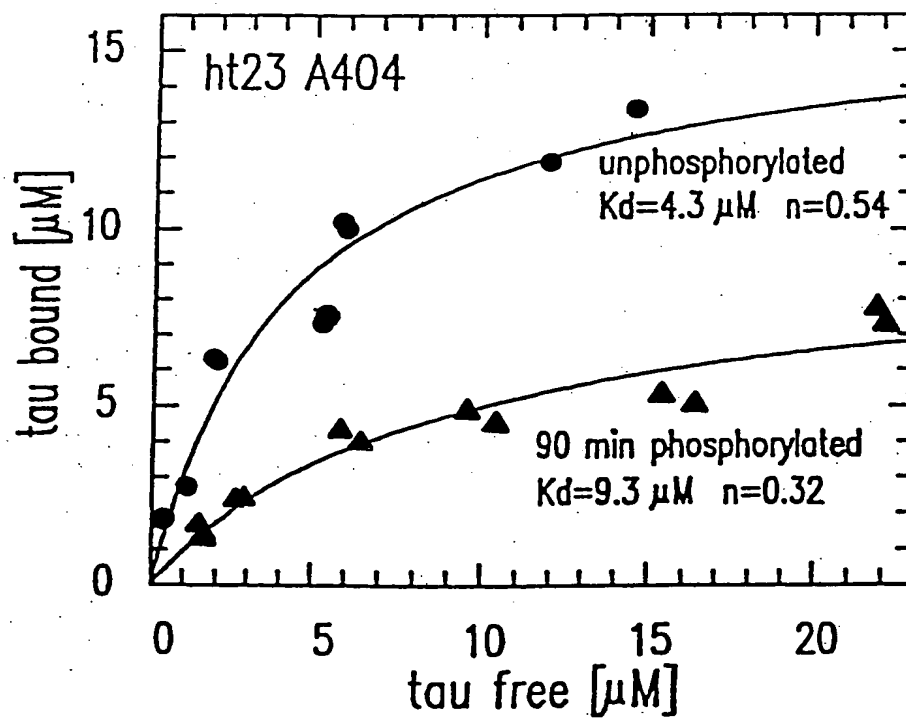


FIGURE 11

NOVEL TOOLS FOR THE DIAGNOSIS AND
TREATMENT OF ALZHEIMER'S DISEASE
MANDELKOW ET AL. U.S.S.N. 09/640,737
ATTORNEY DOCKET NO. 28384/36668
REPLACEMENT SHEET

13 / 55

FIGURE 12A **FIGURE 12C**

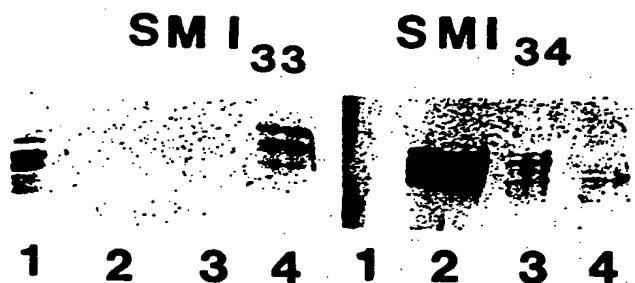
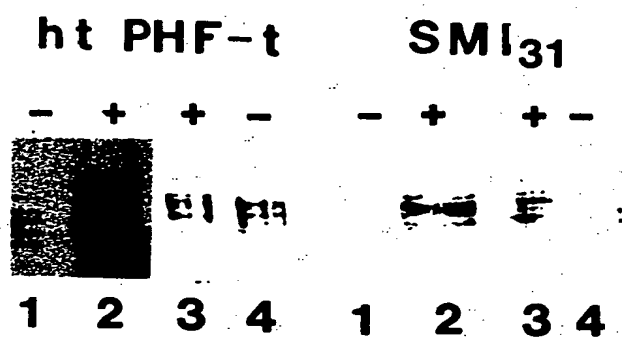
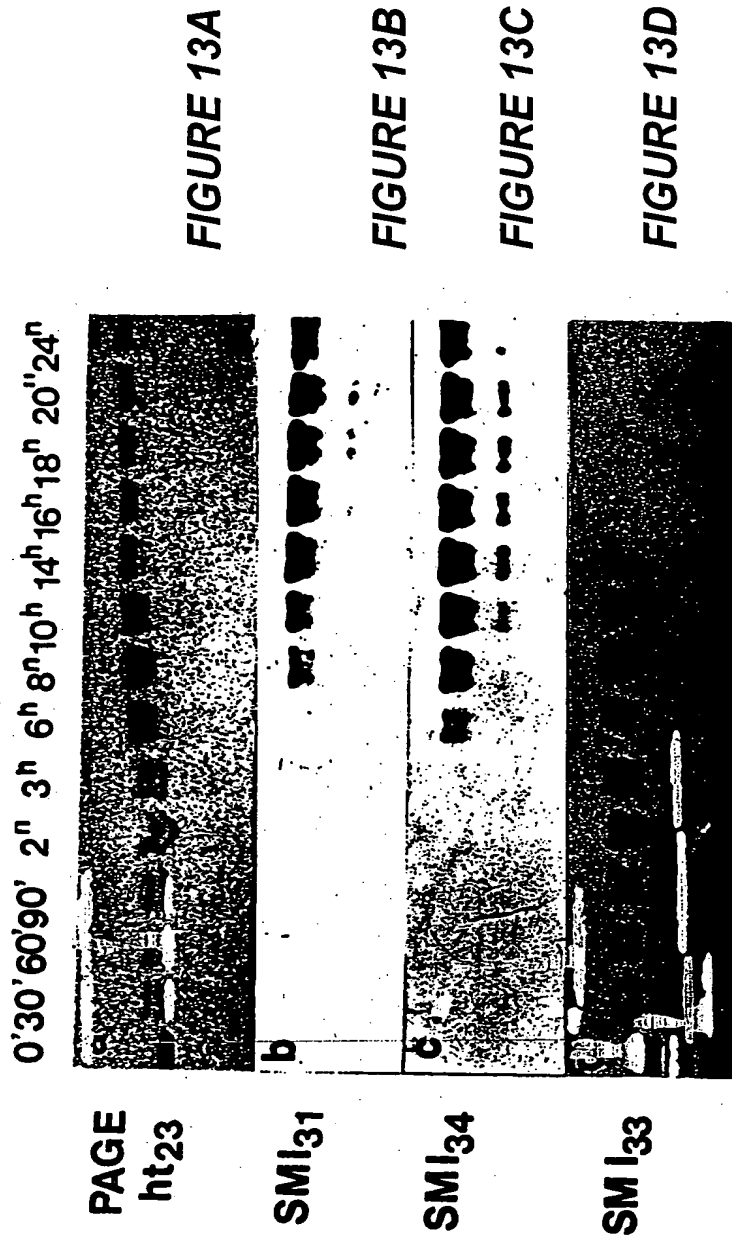
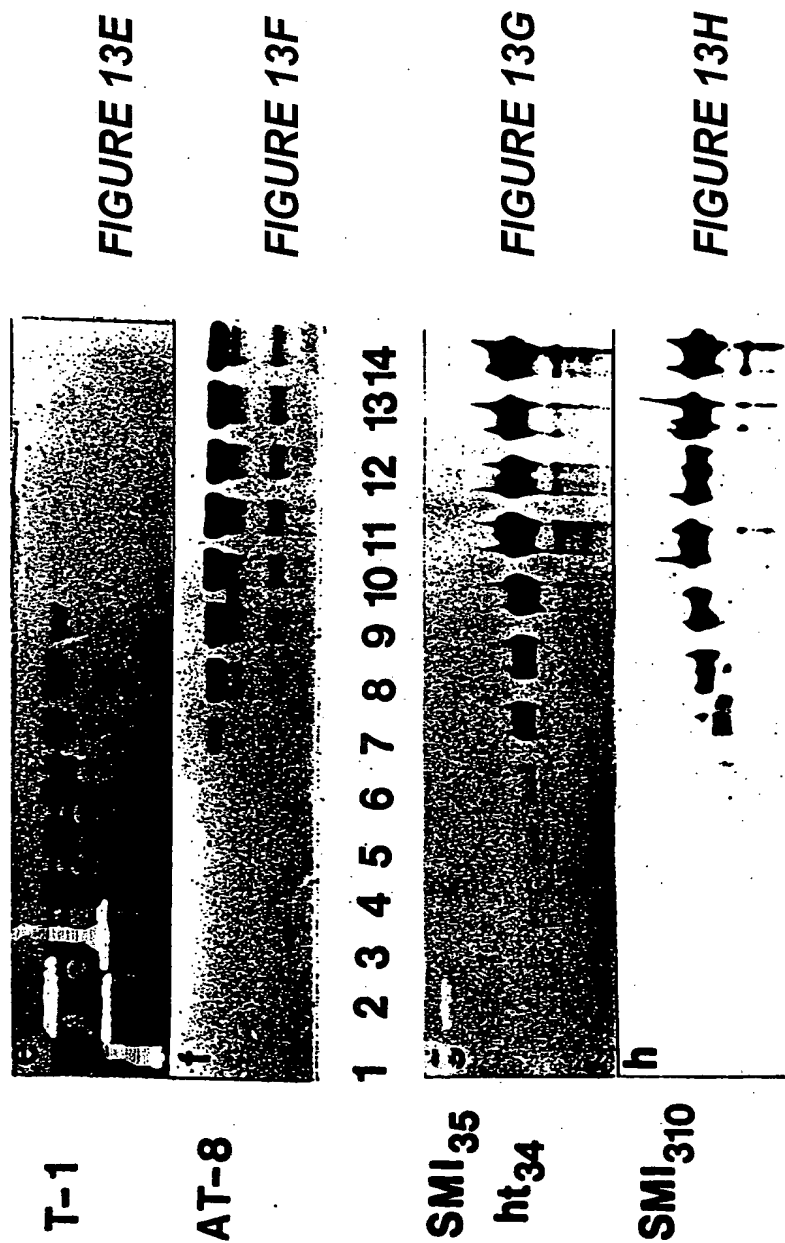


FIGURE 12B **FIGURE 12D**

14 / 55

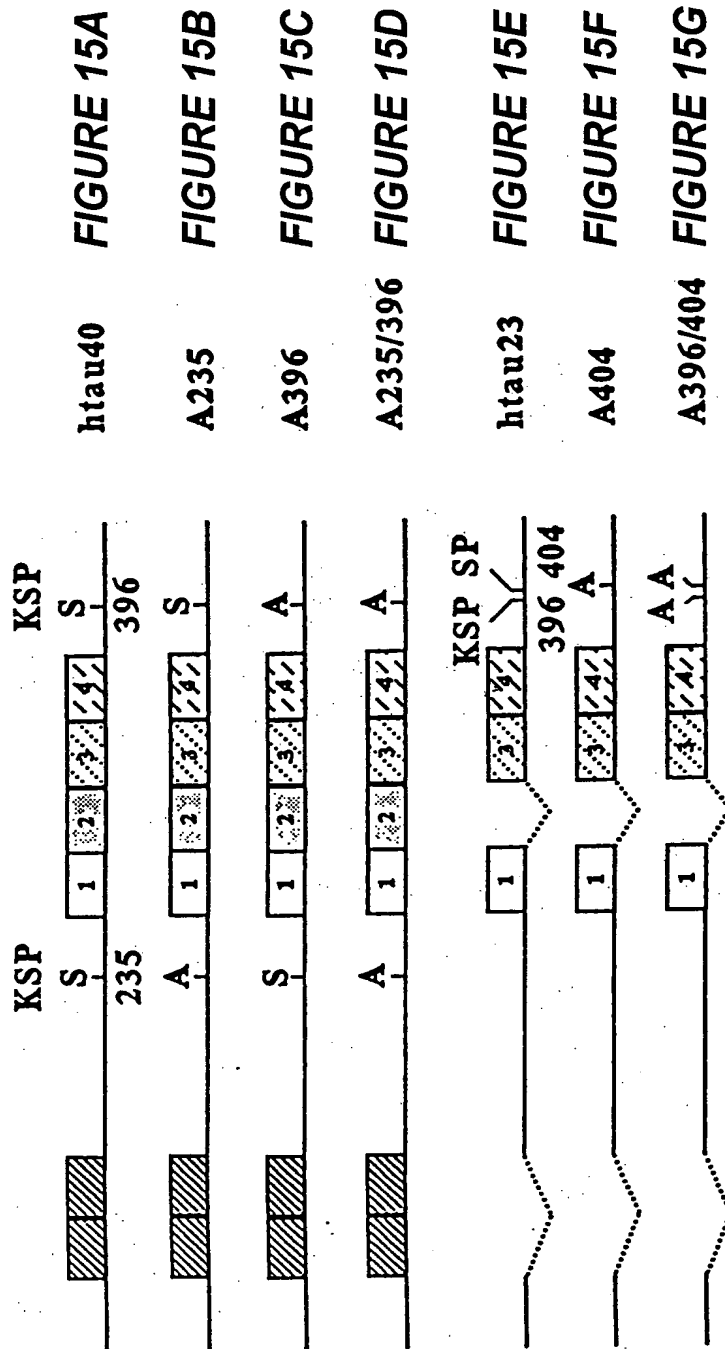


15 / 55



NOVEL TOOLS FOR THE DIAGNOSIS AND
TREATMENT OF ALZHEIMER'S DISEASE
MANDELKOW ET AL. U.S.S.N. 09/640,737
ATTORNEY DOCKET NO. 28384/36668
REPLACEMENT SHEET

16 / 55



17 / 55

FIGURE 14A

FIGURE 14C

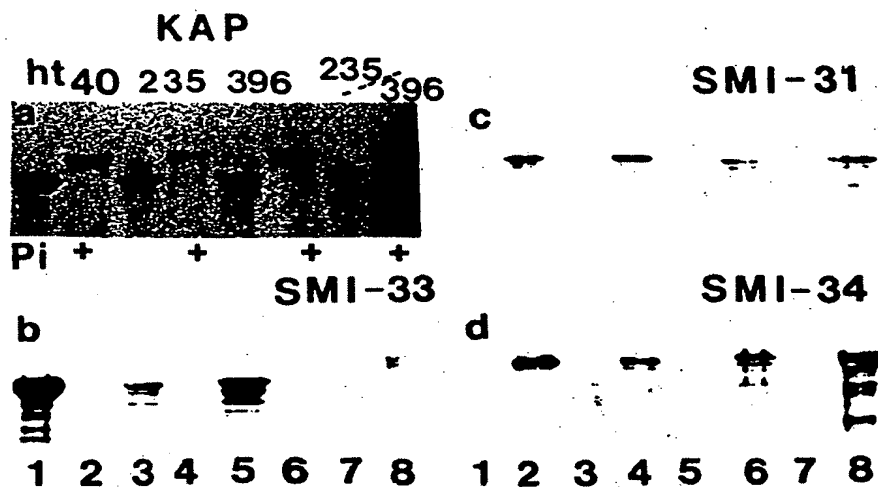


FIGURE 14B

FIGURE 14D

FIGURE 16A

FIGURE 16C

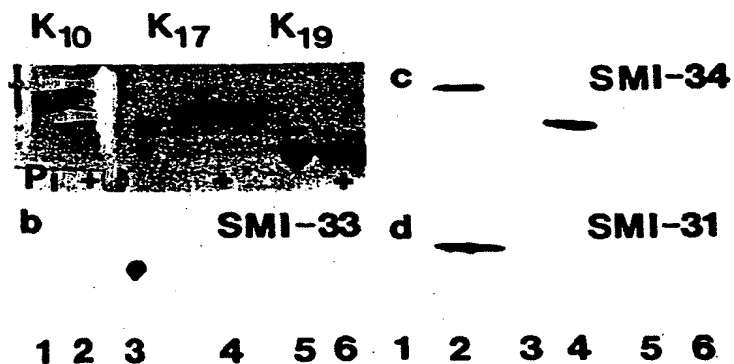


FIGURE 16B

FIGURE 16D

NOVEL TOOLS FOR THE DIAGNOSIS AND
TREATMENT OF ALZHEIMER'S DISEASE
MANDELKOW ET AL. U.S.S.N. 09/640,737
ATTORNEY DOCKET NO. 28384/36668
REPLACEMENT SHEET

18 / 55

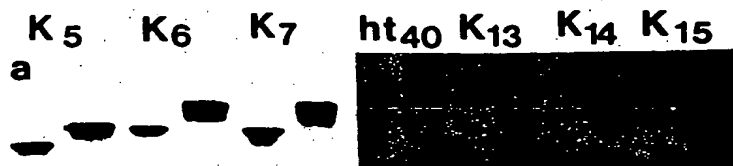


FIGURE 17A



FIGURE 17B

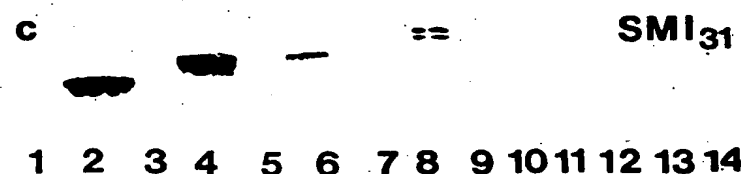


FIGURE 17C

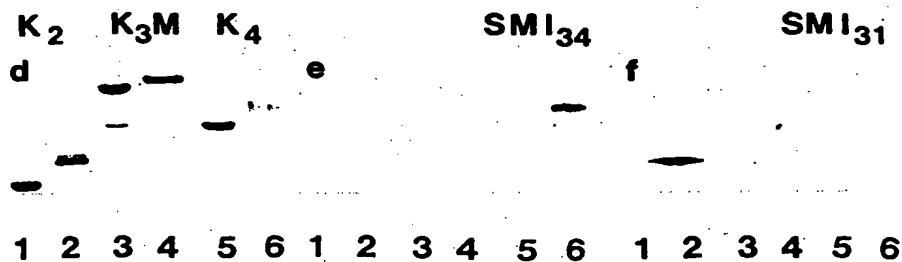
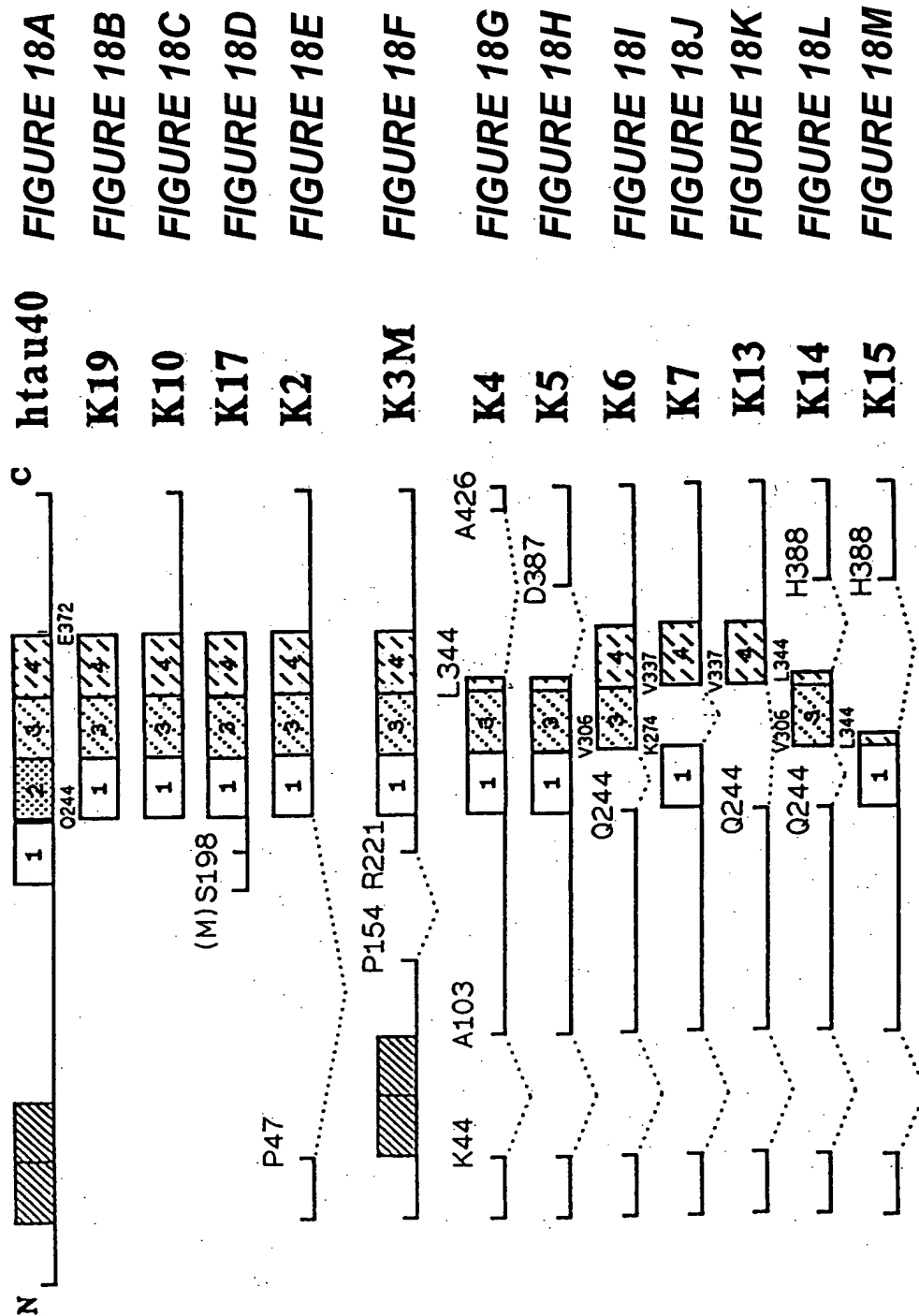


FIGURE 17D FIGURE 17E FIGURE 17F

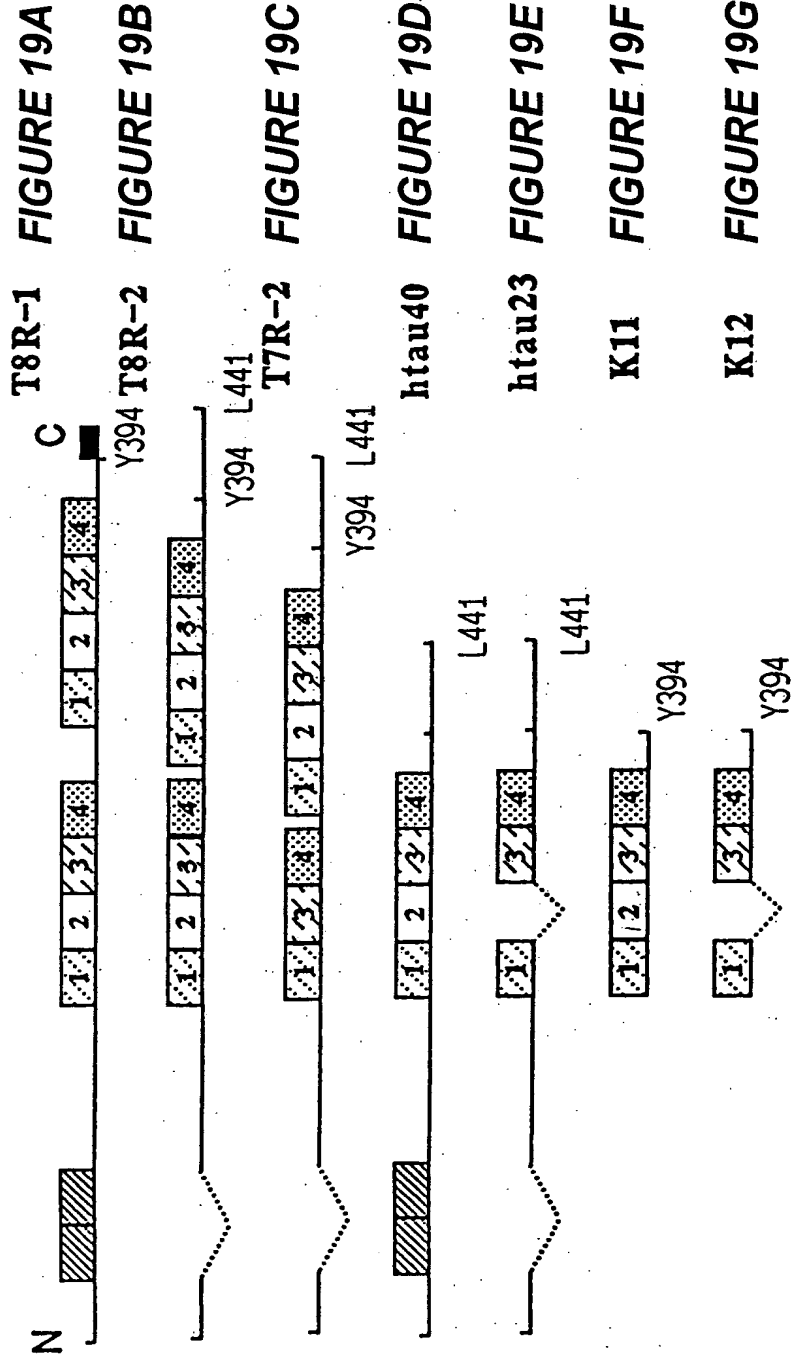
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TREATMENT OF ALZHEIMER'S DISEASE
MANDELKOW ET AL. U.S.S.N. 09/640,737
ATTORNEY DOCKET NO. 28384/36668
REPLACEMENT SHEET

19 / 55



NOVEL TOOLS FOR THE DIAGNOSIS AND
TREATMENT OF ALZHEIMER'S DISEASE
MANDELKOW ET AL. U.S.S.N. 09/640,737
ATTORNEY DOCKET NO. 28384/36668
REPLACEMENT SHEET

20 / 55



21 / 55

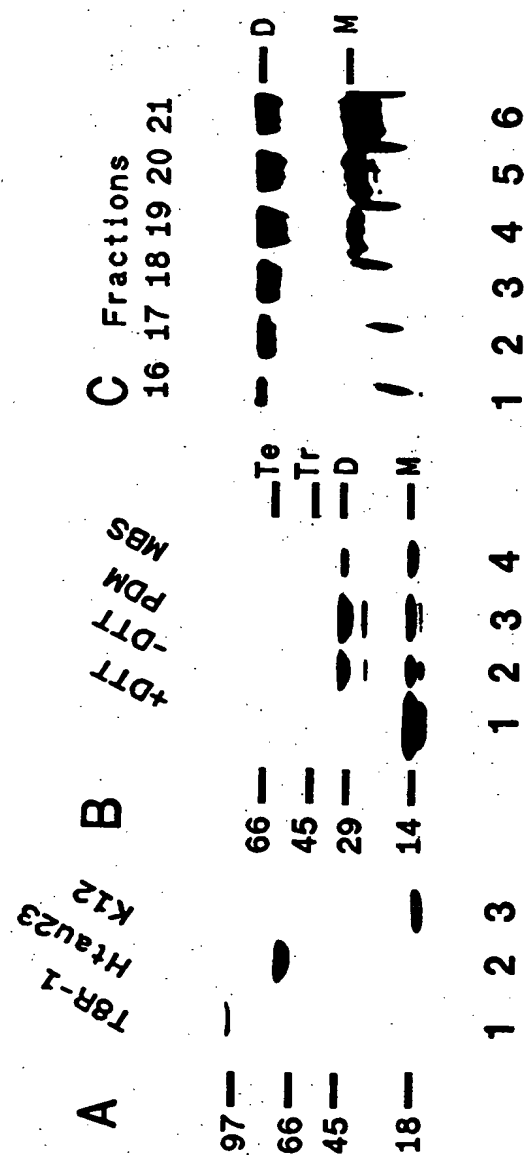


FIGURE 20A

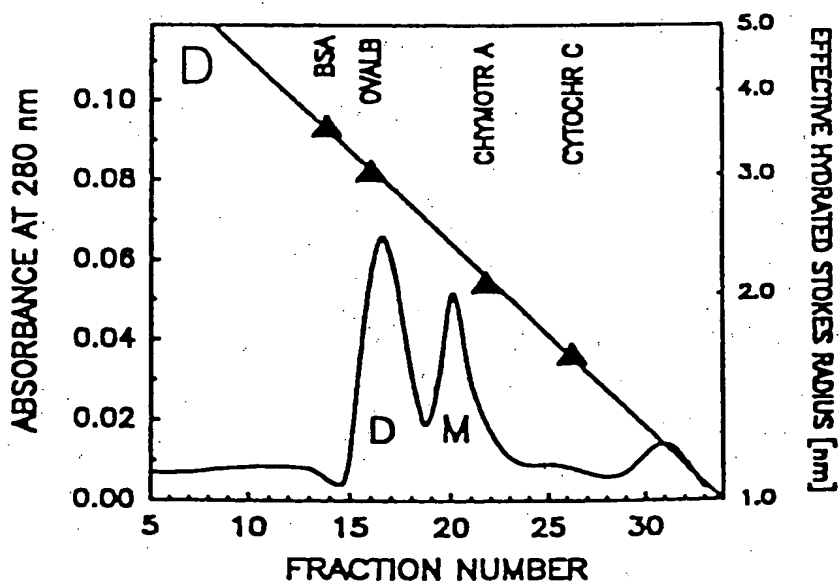
FIGURE 20B

FIGURE 20C

NOVEL TOOLS FOR THE DIAGNOSIS AND
TREATMENT OF ALZHEIMER'S DISEASE
MANDELKOW ET AL. U.S.S.N. 09/640,737
ATTORNEY DOCKET NO. 28384/36668
REPLACEMENT SHEET

22 / 55

FIGURE 20D



23 / 55

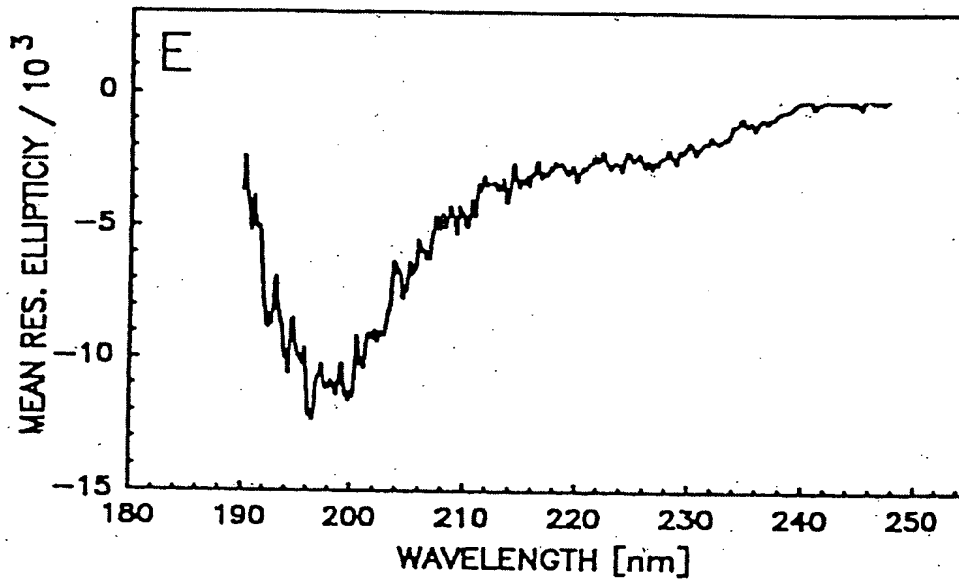


FIGURE 20E

NOVEL TOOLS FOR THE DIAGNOSIS AND
TREATMENT OF ALZHEIMER'S DISEASE
MANDELKOW ET AL. U.S.S.N. 09/640,737
ATTORNEY DOCKET NO. 28384/36668
REPLACEMENT SHEET

24 / 55

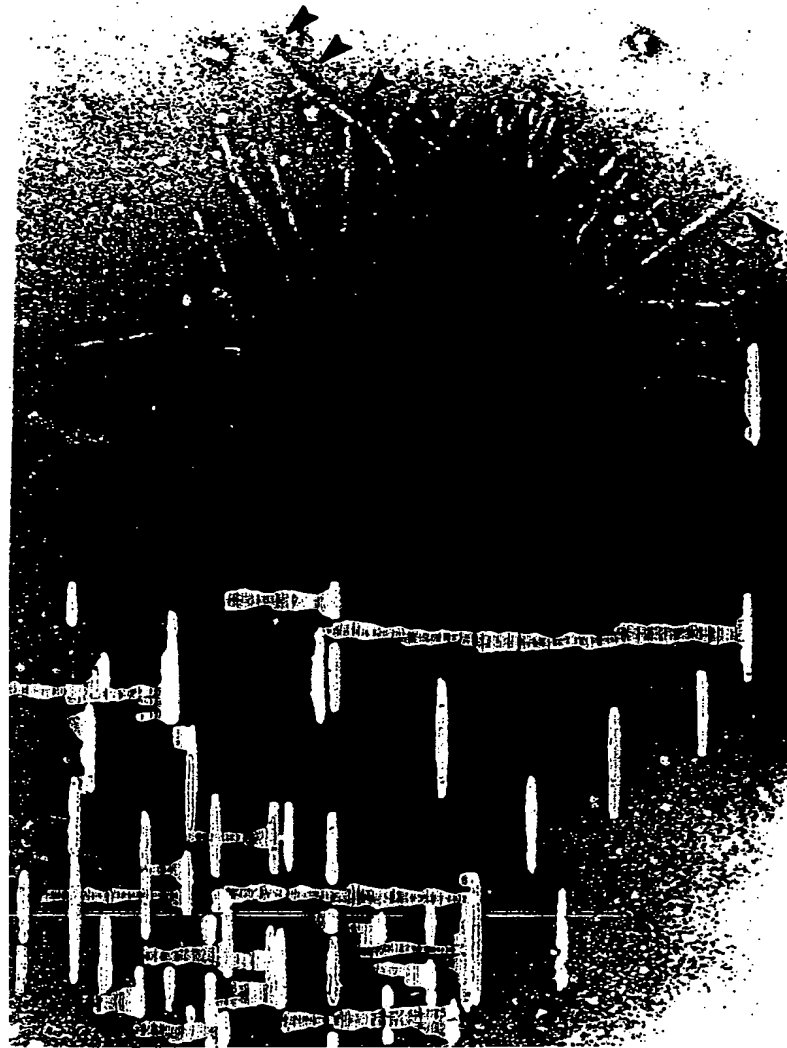


FIGURE 21A

NOVEL TOOLS FOR THE DIAGNOSIS AND
TREATMENT OF ALZHEIMER'S DISEASE
MANDELKOW ET AL. U.S.S.N. 09/640,737
ATTORNEY DOCKET NO. 28384/36668
REPLACEMENT SHEET

25 / 55

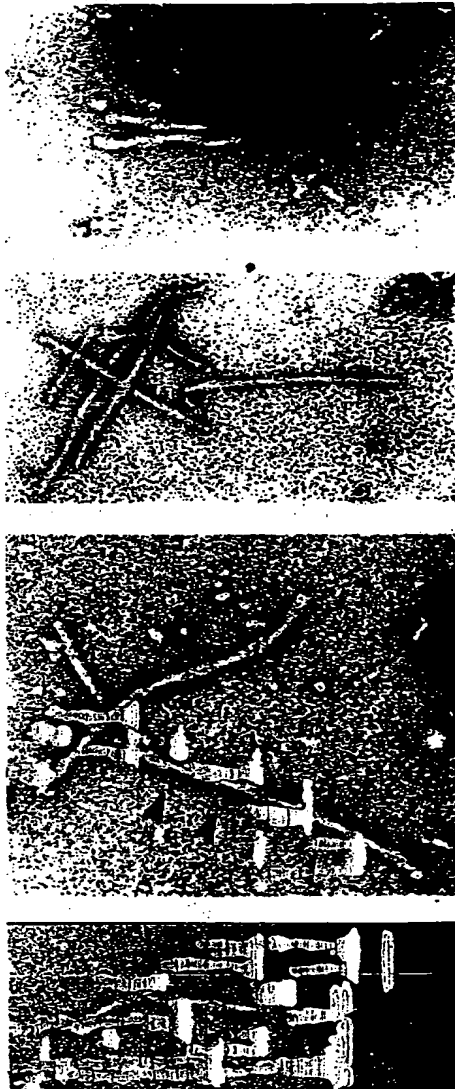


FIGURE 21B FIGURE 21C FIGURE 21D FIGURE 21E

NOVEL TOOLS FOR THE DIAGNOSIS AND
TREATMENT OF ALZHEIMER'S DISEASE
MANDELKOW ET AL. U.S.S.N. 09/640,737
ATTORNEY DOCKET NO. 28384/36668
REPLACEMENT SHEET

26 / 55

FIGURE 21F



FIGURE 21I

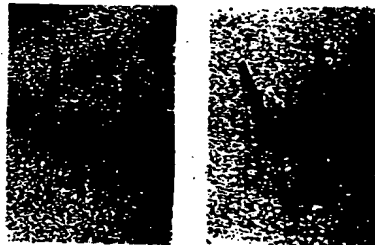


FIGURE 21H

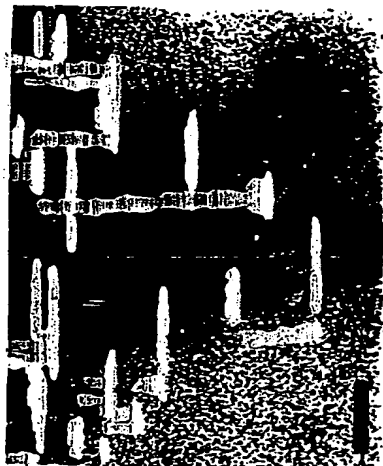


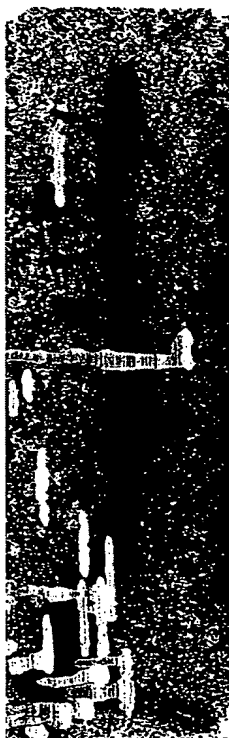
FIGURE 21G

27 / 55

FIGURE 22C



FIGURE 22A



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FIGURE 22B

NOVEL TOOLS FOR THE DIAGNOSIS AND
TREATMENT OF ALZHEIMER'S DISEASE
MANDELKOW ET AL. U.S.S.N. 09/640,737
ATTORNEY DOCKET NO. 28384/36668
REPLACEMENT SHEET

28 / 55

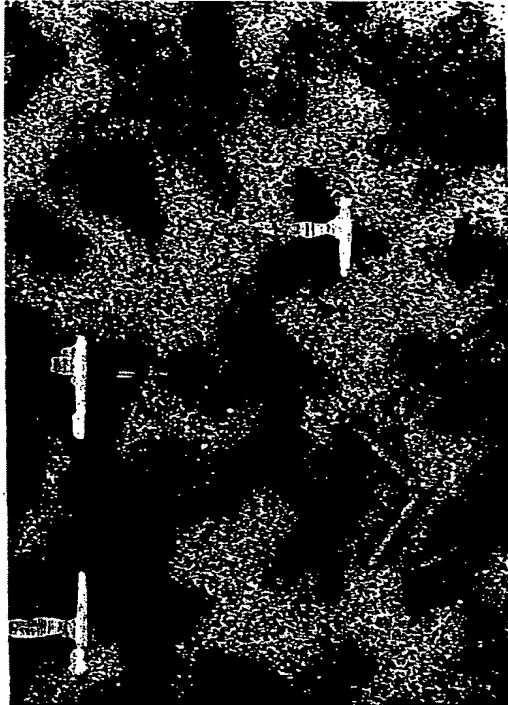


FIGURE 23B

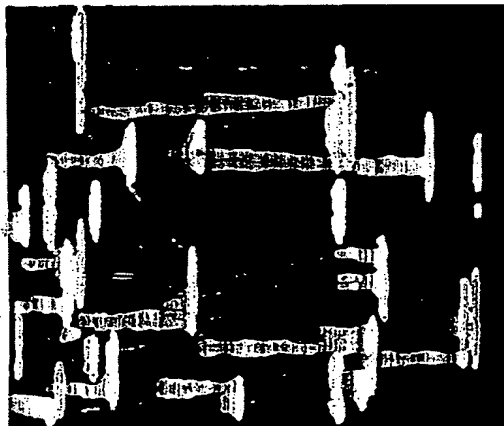


FIGURE 23A

29 / 55



FIGURE 24A

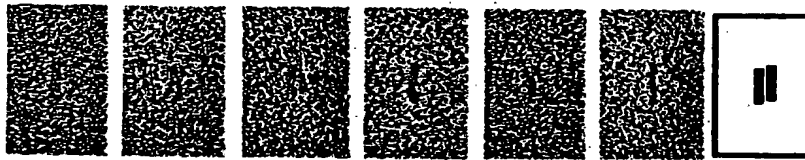


FIGURE 24B

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FIGURE 24C



FIGURE 24D

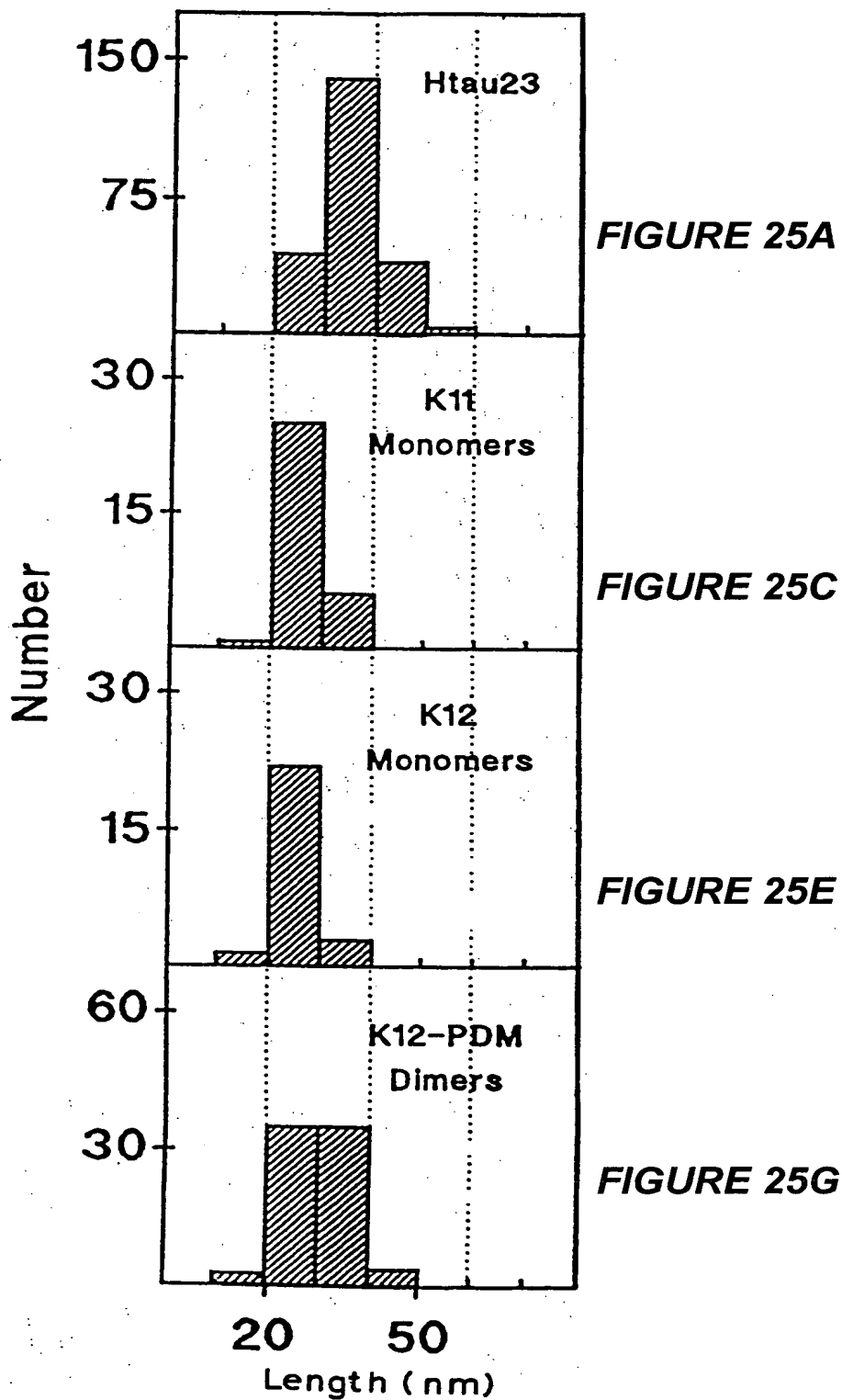


FIGURE 24E

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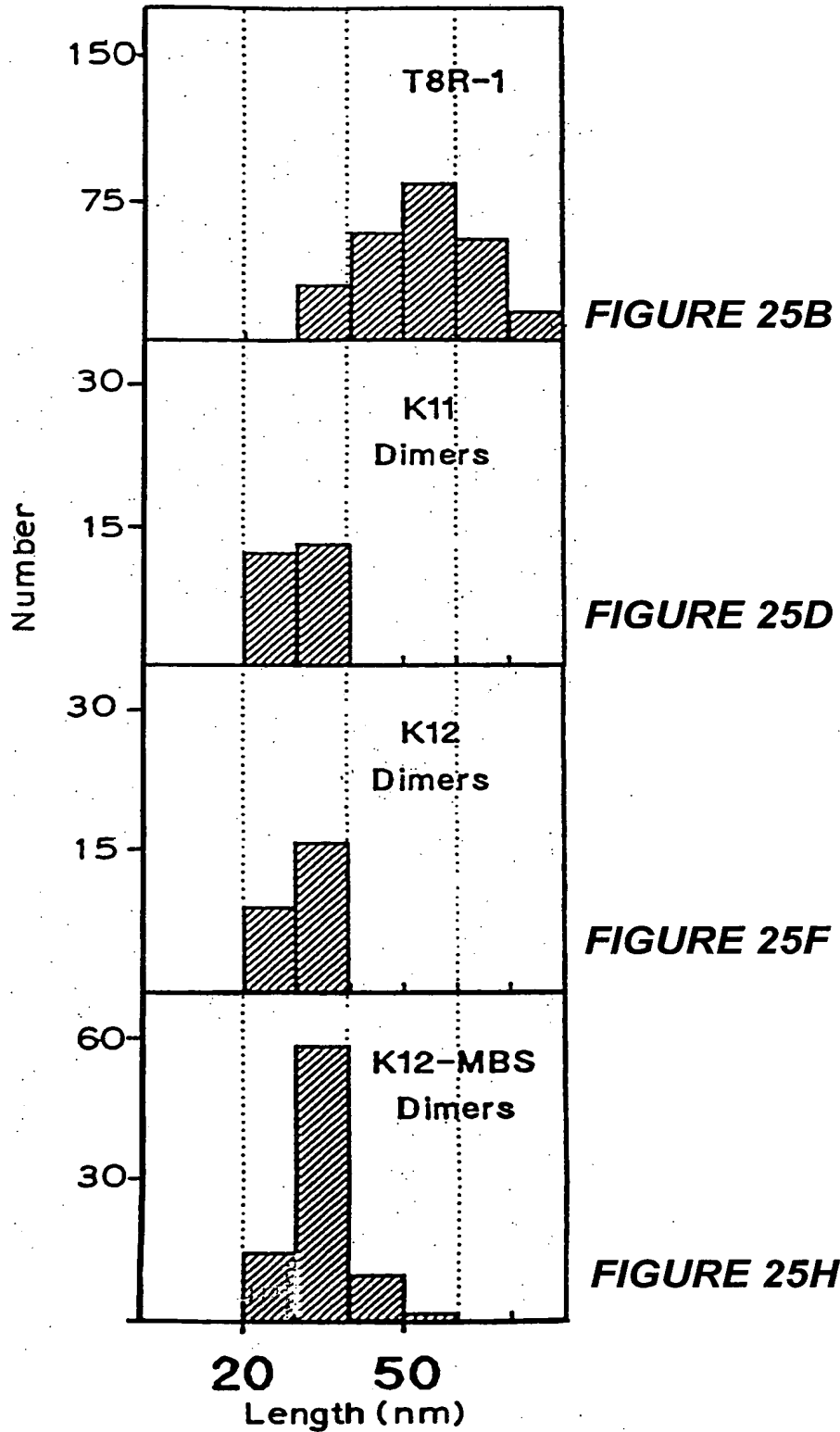
NOVEL TOOLS FOR THE DIAGNOSIS AND
TREATMENT OF ALZHEIMER'S DISEASE
MANDELKOW ET AL. U.S.S.N. 09/640,737
ATTORNEY DOCKET NO. 28384/36668
REPLACEMENT SHEET

30 / 55



NOVEL TOOLS FOR THE DIAGNOSIS AND
TREATMENT OF ALZHEIMER'S DISEASE
MANDELKOW ET AL. U.S.S.N. 09/640,737
ATTORNEY DOCKET NO. 28384/36668
REPLACEMENT SHEET

31 / 55



NOVEL TOOLS FOR THE DIAGNOSIS AND
TREATMENT OF ALZHEIMER'S DISEASE
MANDELKOW ET AL. U.S.S.N. 09/640,737
ATTORNEY DOCKET NO. 28384/36668
REPLACEMENT SHEET

32 / 55

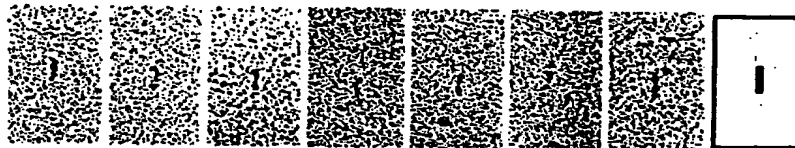


FIGURE 26A

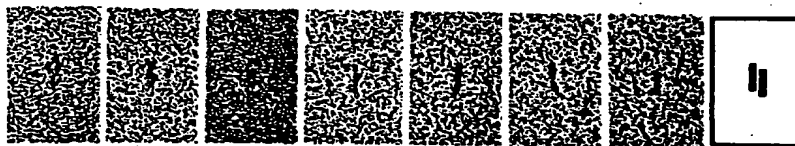


FIGURE 26B

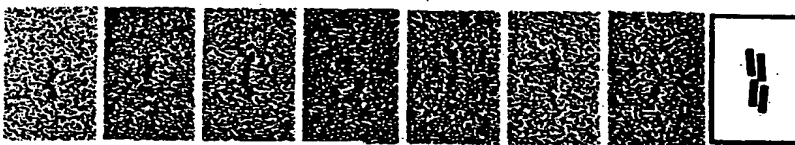


FIGURE 26C

K11

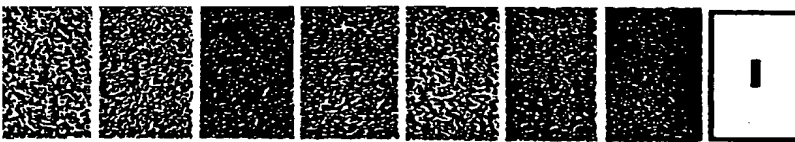


FIGURE 26D

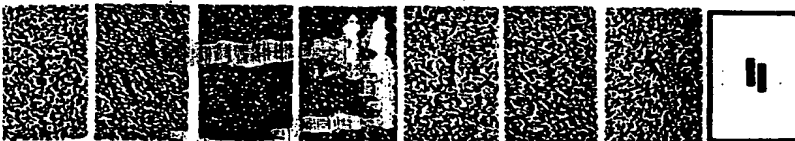


FIGURE 26E



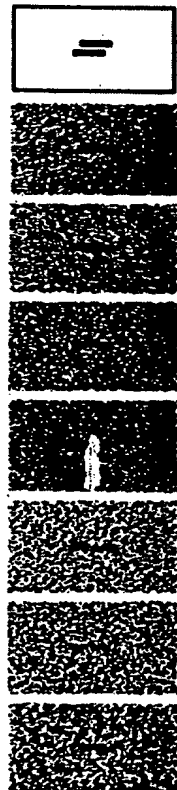
FIGURE 26F

K12

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TREATMENT OF ALZHEIMER'S DISEASE
MANDELKOW ET AL. U.S.S.N. 09/640,737
ATTORNEY DOCKET NO. 28384/36668
REPLACEMENT SHEET

33 / 55

FIGURE 27A



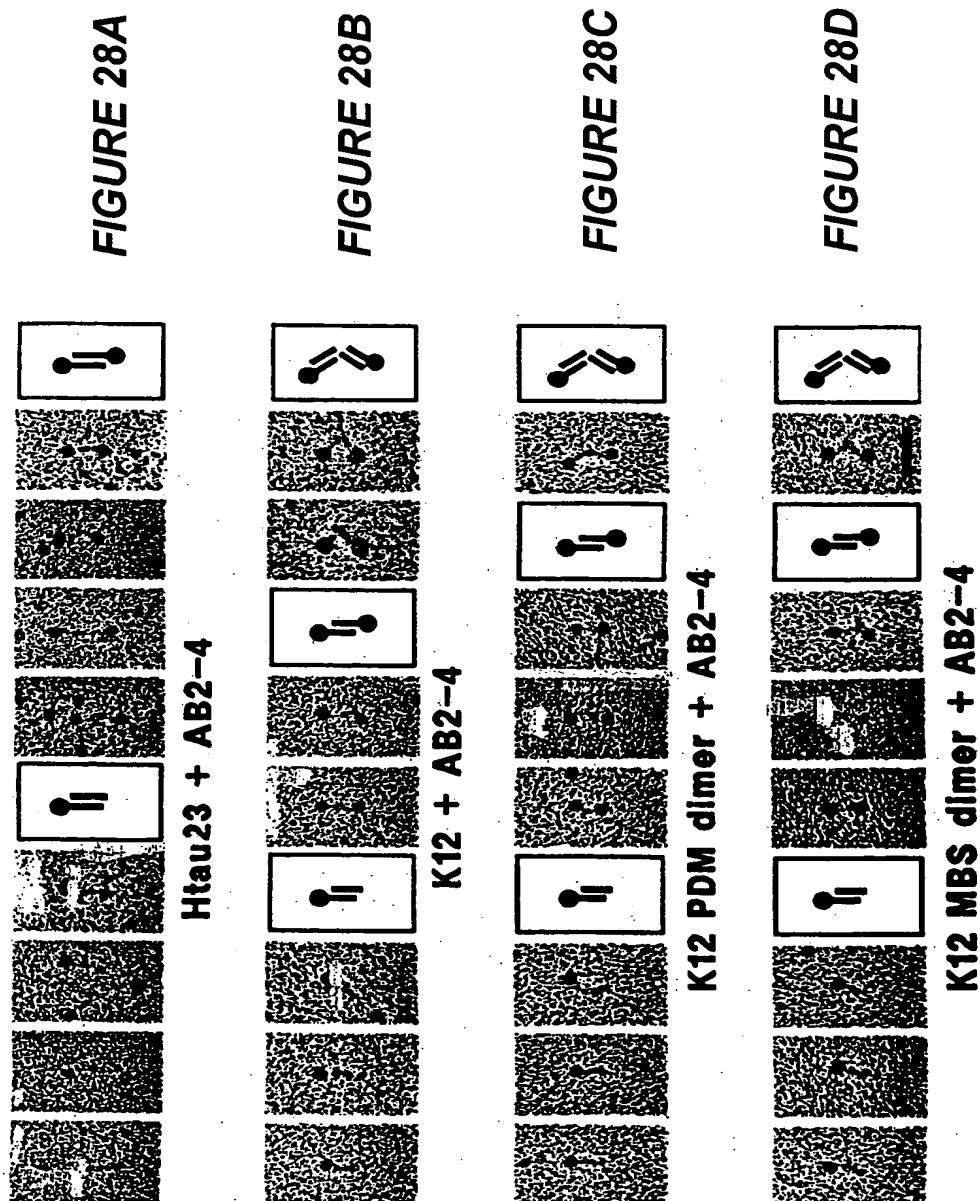
K12 PDM Dimer

FIGURE 27B



K12 MBS Dimer

34 / 55



NOVEL TOOLS FOR THE DIAGNOSIS AND
TREATMENT OF ALZHEIMER'S DISEASE
MANDELKOW ET AL. U.S.S.N. 09/640,737
ATTORNEY DOCKET NO. 28384/36668
REPLACEMENT SHEET

35 / 55

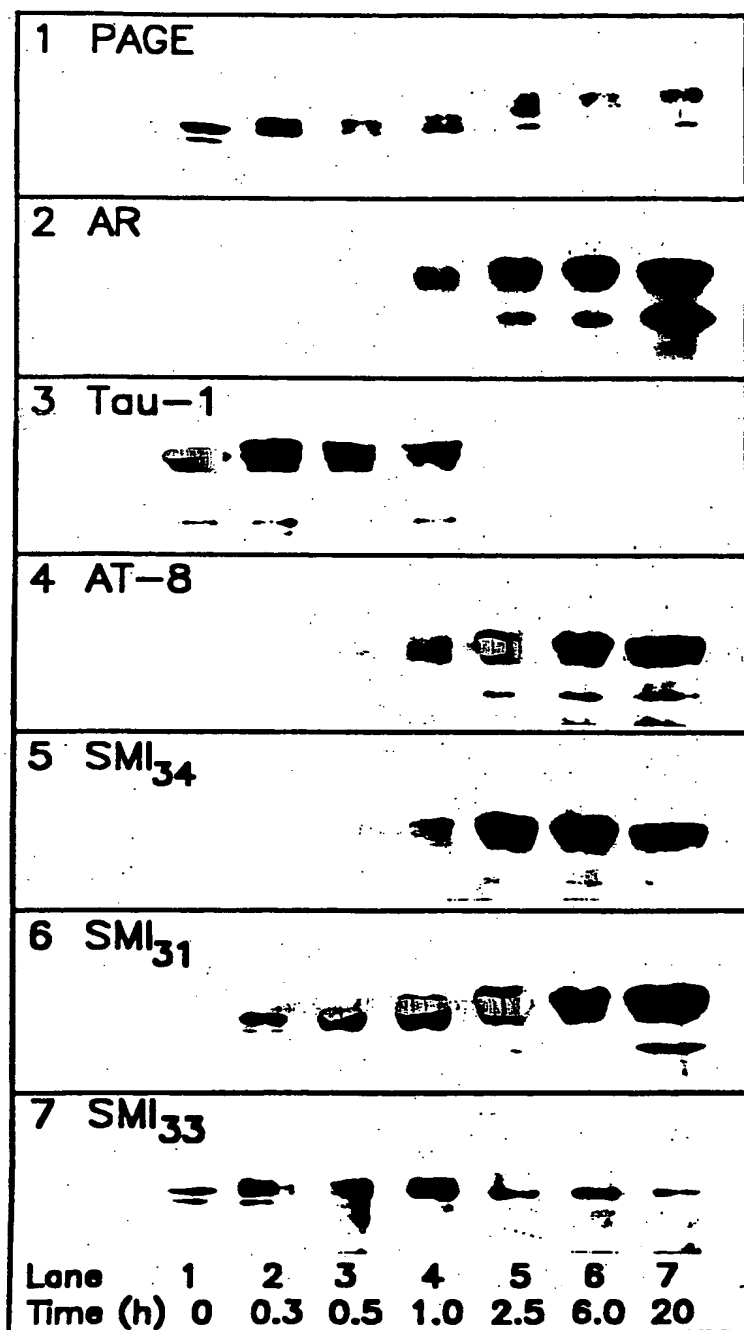


FIGURE 29A

FIGURE 29B

FIGURE 29C

FIGURE 29D

FIGURE 29E

FIGURE 29F

FIGURE 29G

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TREATMENT OF ALZHEIMER'S DISEASE
MANDELKOW ET AL. U.S.S.N. 09/640,737
ATTORNEY DOCKET NO. 28384/36668
REPLACEMENT SHEET

36 / 55

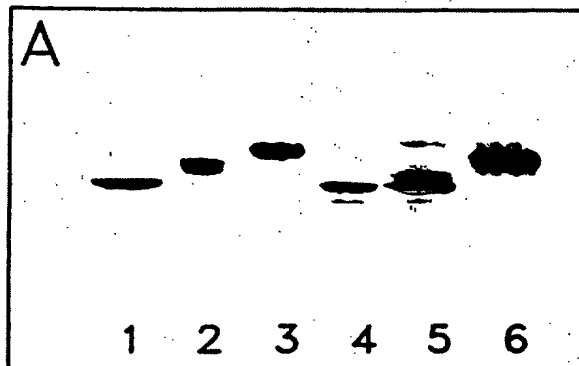


FIGURE 30A

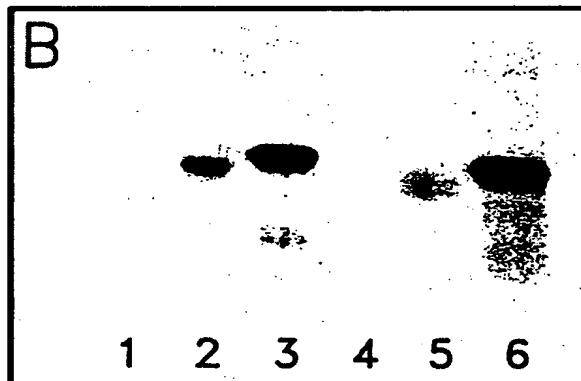


FIGURE 30B

REPLACEMENT SHEET

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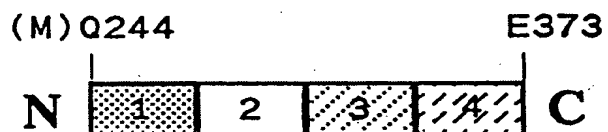


FIGURE 31

38 / 55

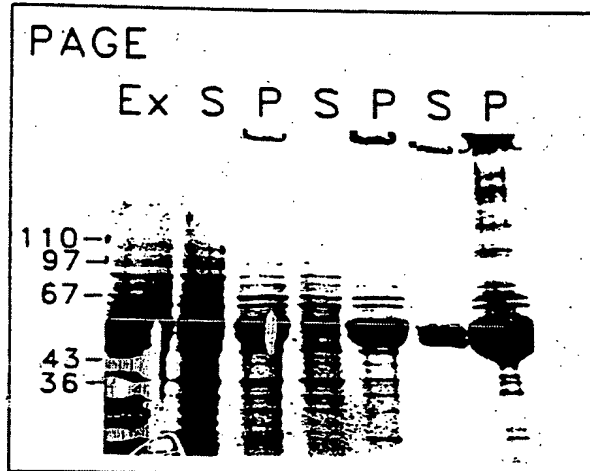


FIGURE 32A

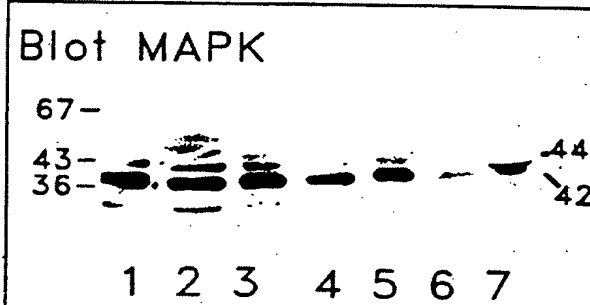


FIGURE 32B

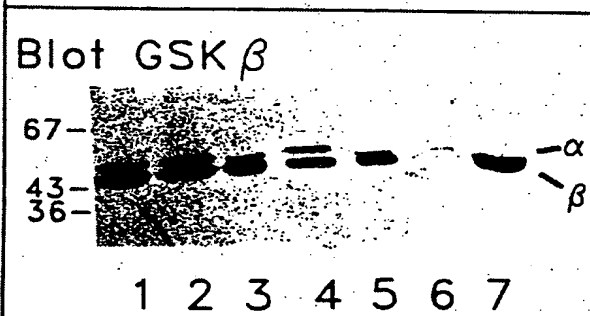


FIGURE 32C

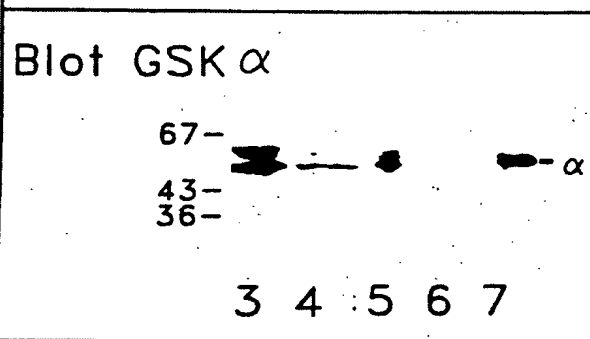


FIGURE 32D

NOVEL TOOLS FOR THE DIAGNOSIS AND
TREATMENT OF ALZHEIMER'S DISEASE
MANDELKOW ET AL. U.S.S.N. 09/640,737
ATTORNEY DOCKET NO. 28384/36668
REPLACEMENT SHEET

39 / 55

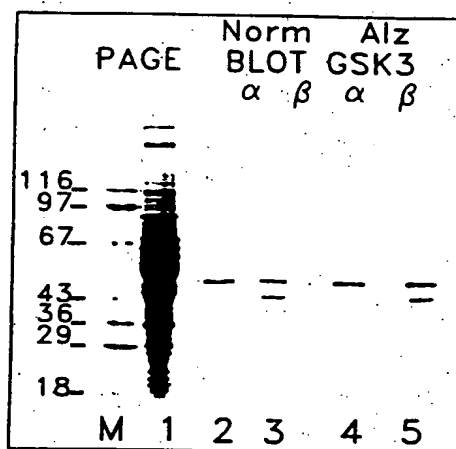


FIGURE 33A

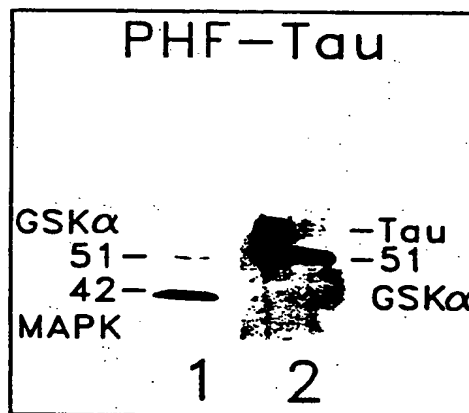


FIGURE 33B

40 / 55

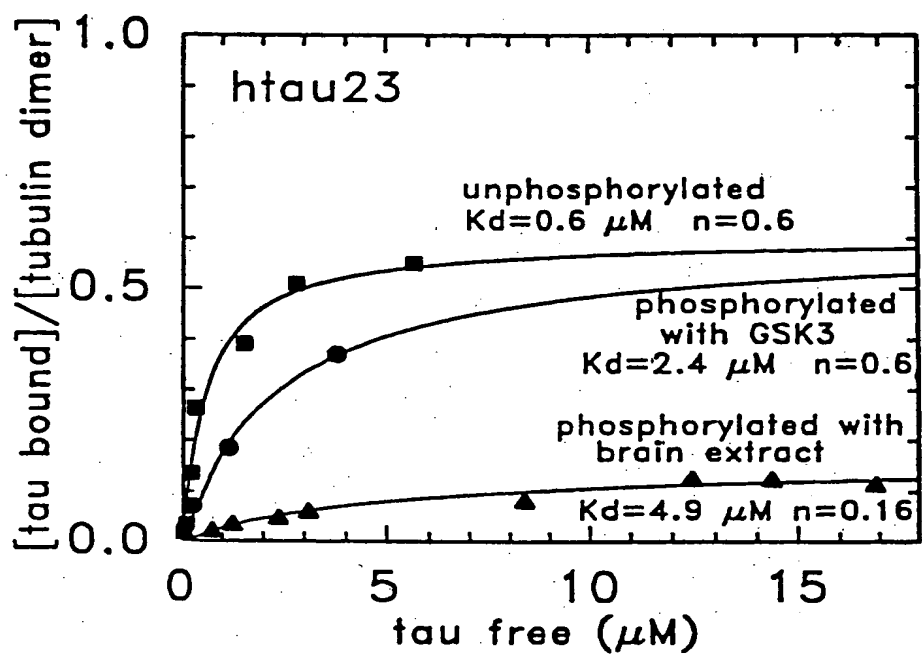


FIGURE 34

NOVEL TOOLS FOR THE DIAGNOSIS AND
TREATMENT OF ALZHEIMER'S DISEASE
MANDELKOW ET AL. U.S.S.N. 09/640,737
ATTORNEY DOCKET NO. 28384/36668
REPLACEMENT SHEET

41 / 55

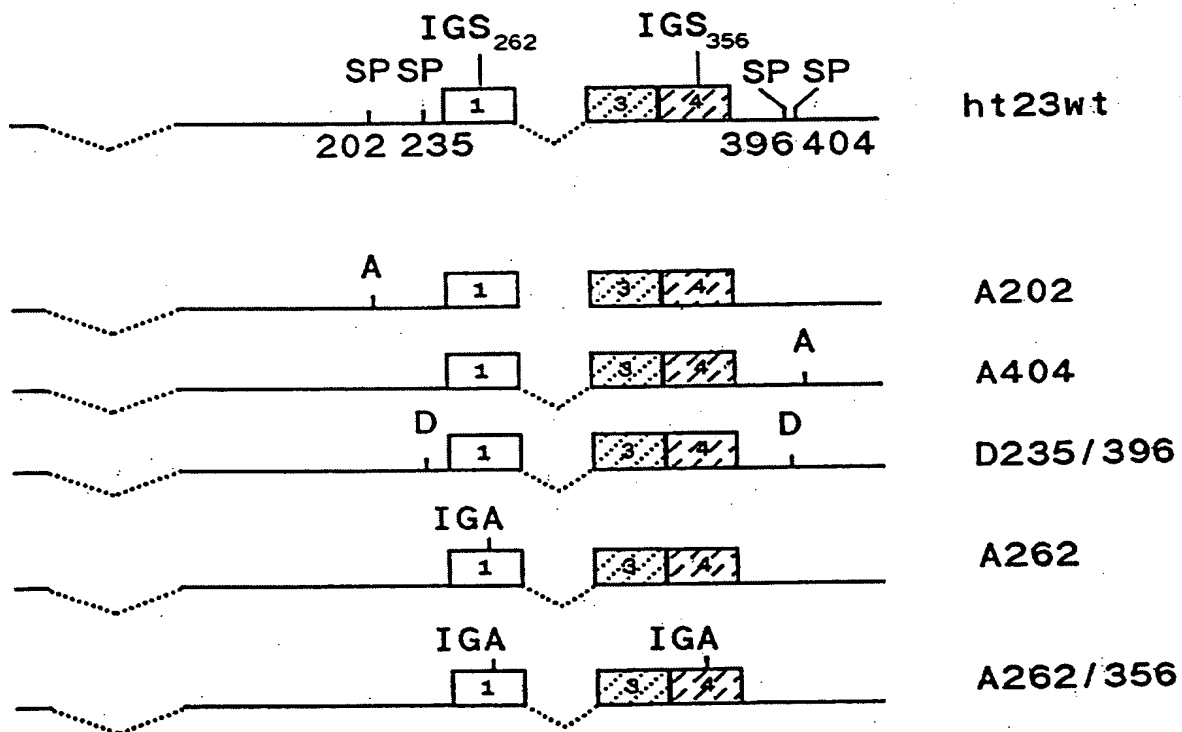


FIGURE 35A

42 / 55

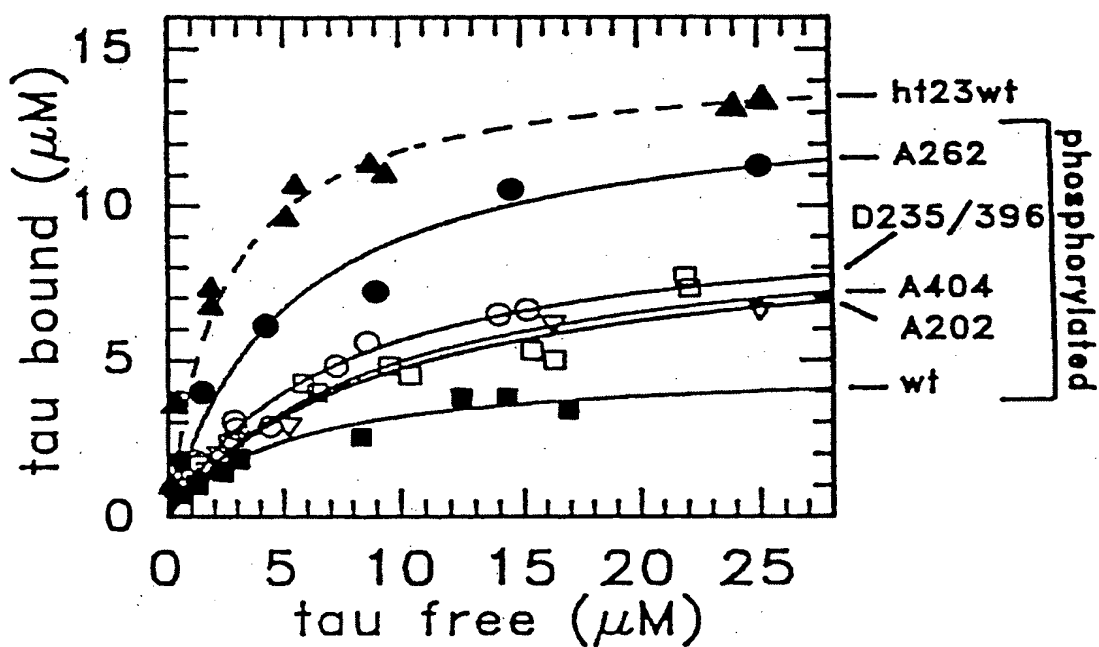


FIGURE 35B

43 / 55

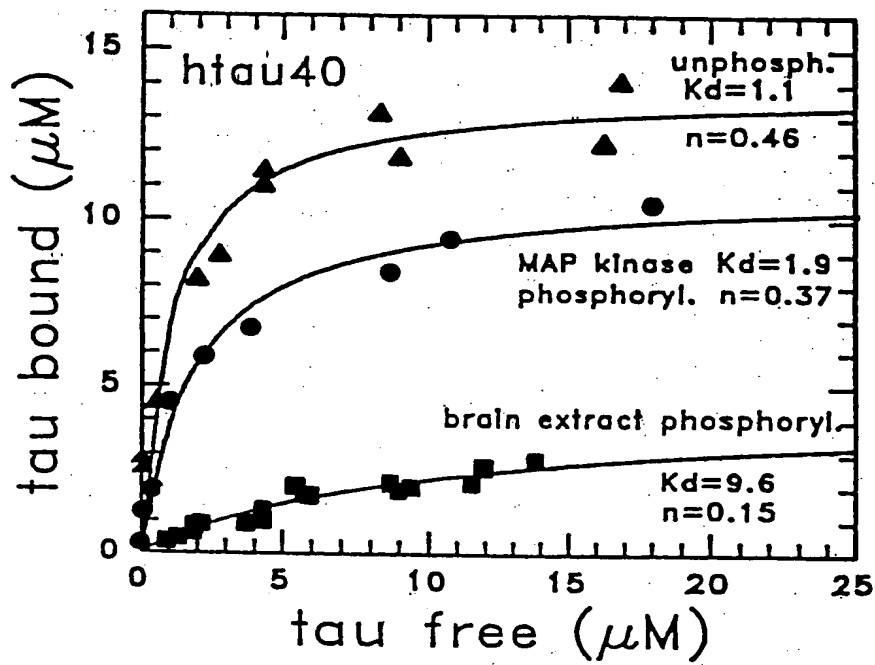


FIGURE 36

44 / 55

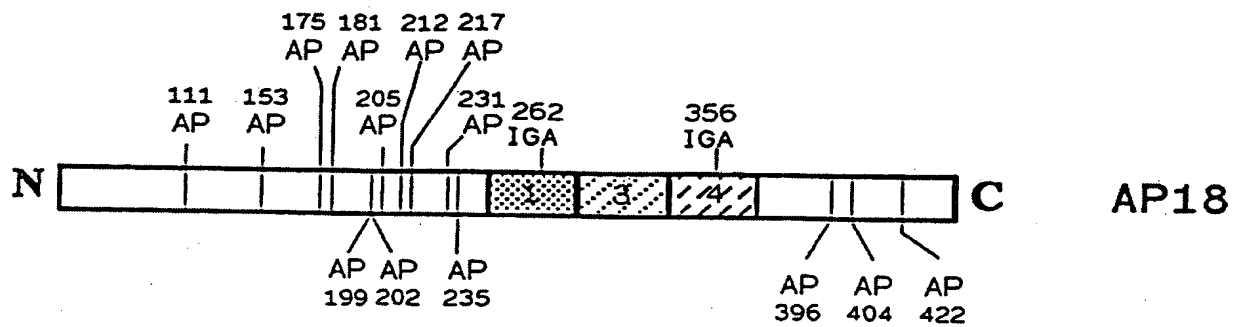
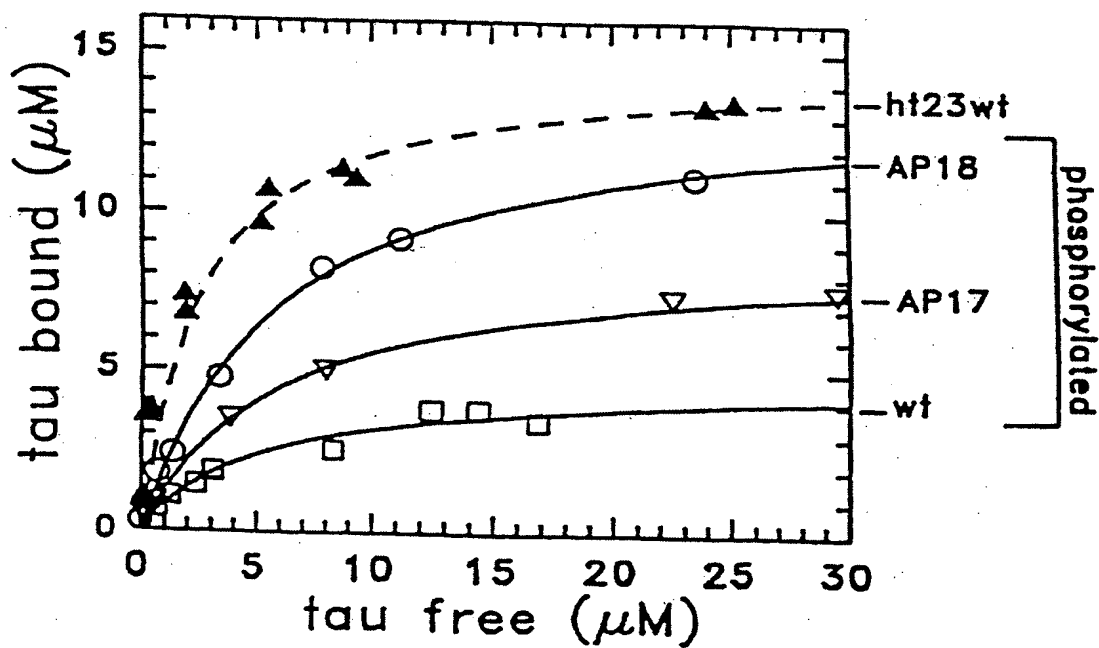


FIGURE 37A

FIGURE 37B



45 / 55

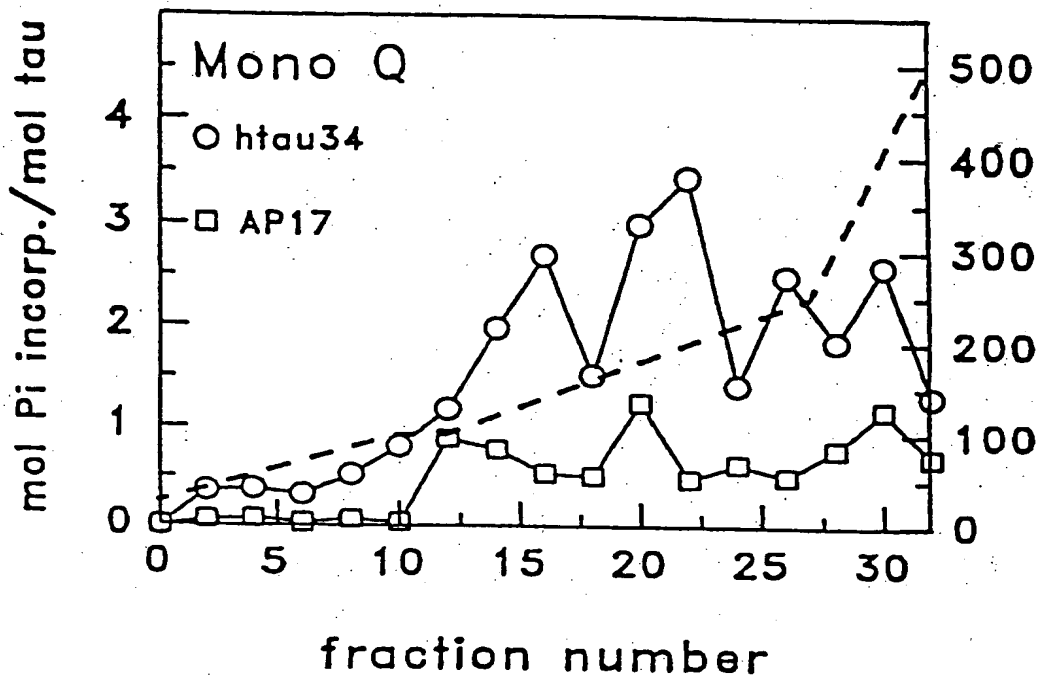


FIGURE 38A

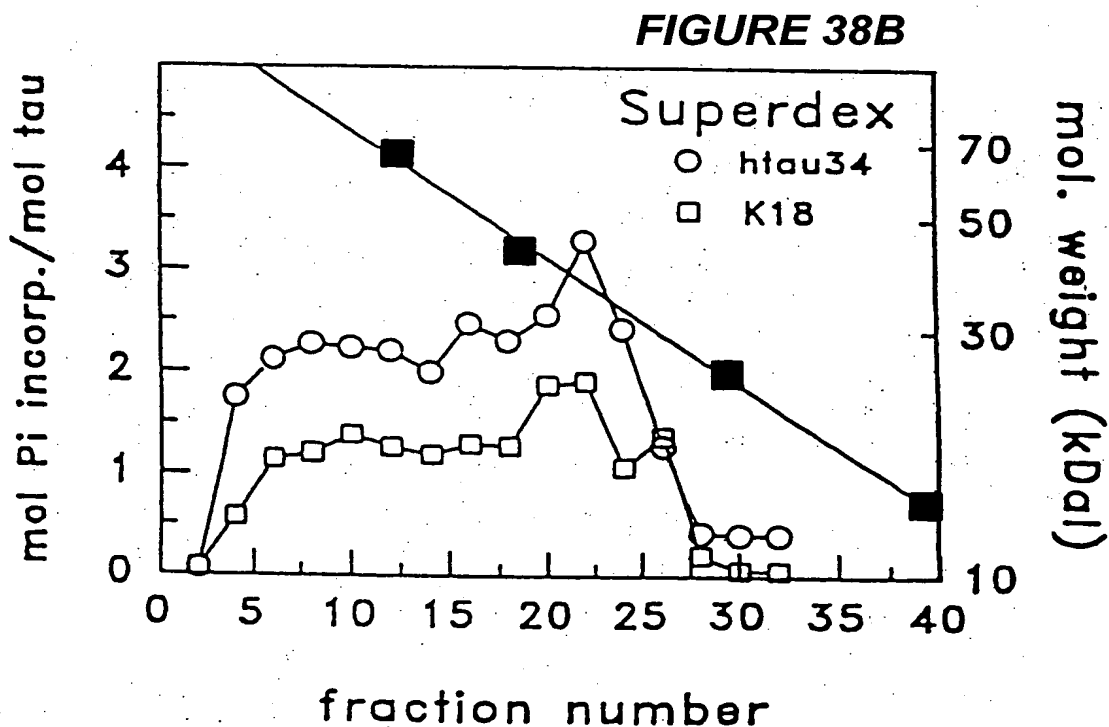


FIGURE 38B

46 / 55

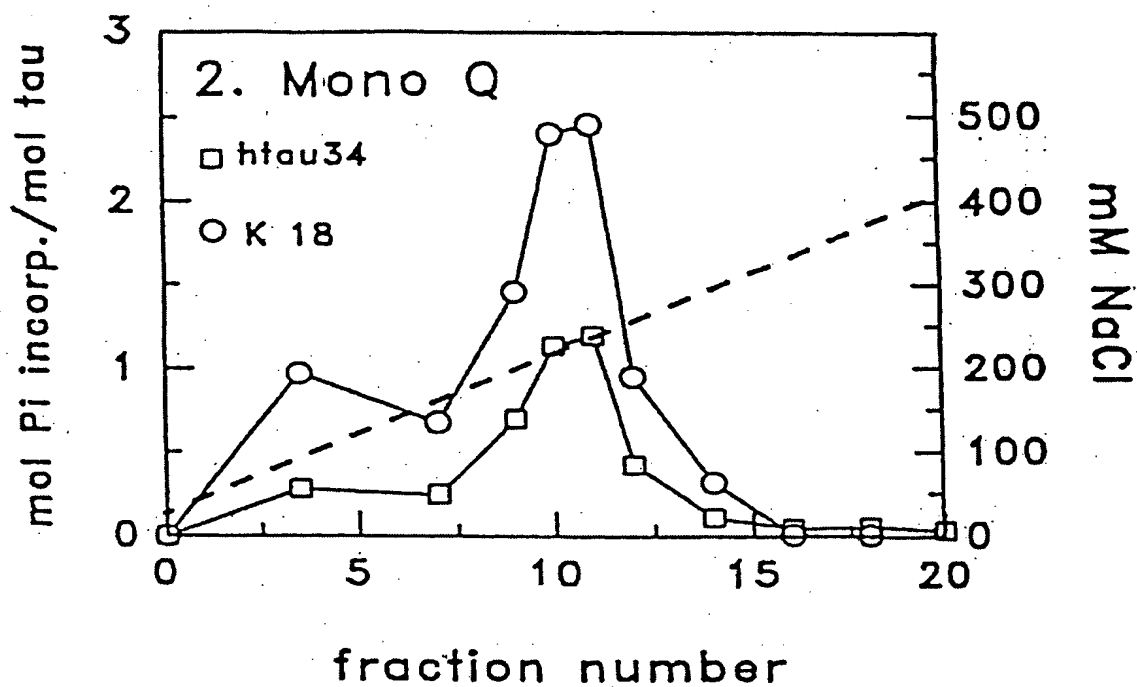


FIGURE 38C

NOVEL TOOLS FOR THE DIAGNOSIS AND
TREATMENT OF ALZHEIMER'S DISEASE
MANDELKOW ET AL. U.S.S.N: 09/640,737
ATTORNEY DOCKET NO. 28384/36668
REPLACEMENT SHEET

47 / 55

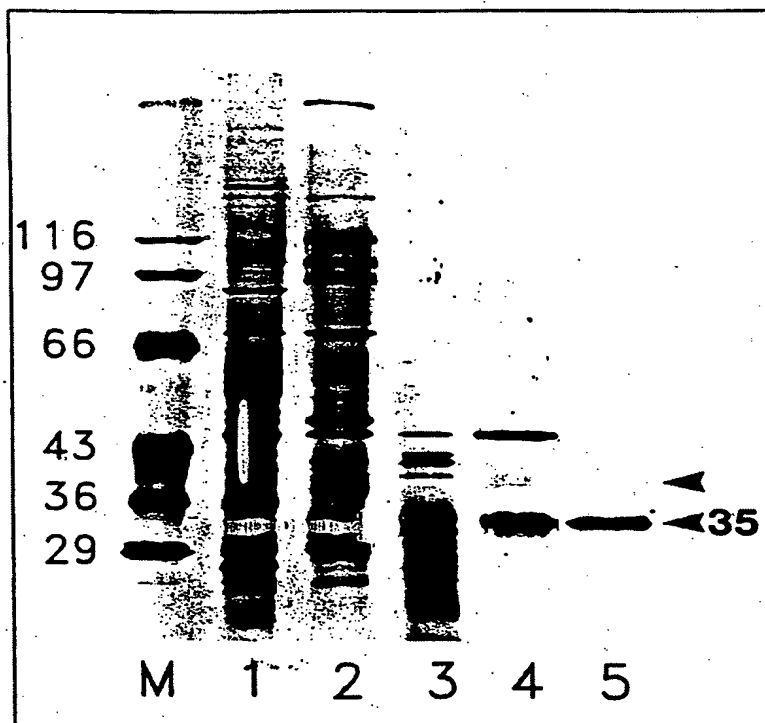


FIGURE 38D

48 / 55

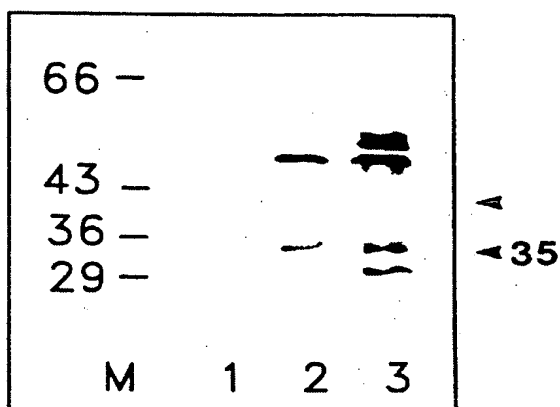


FIGURE 39A

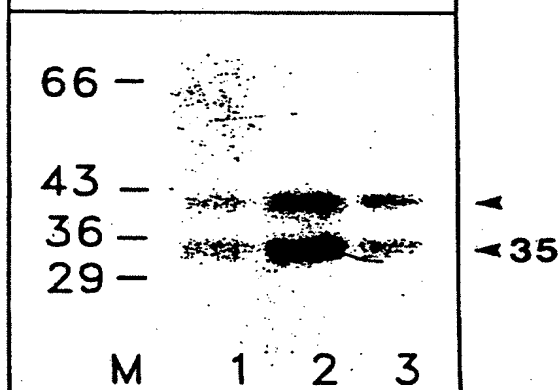


FIGURE 39B

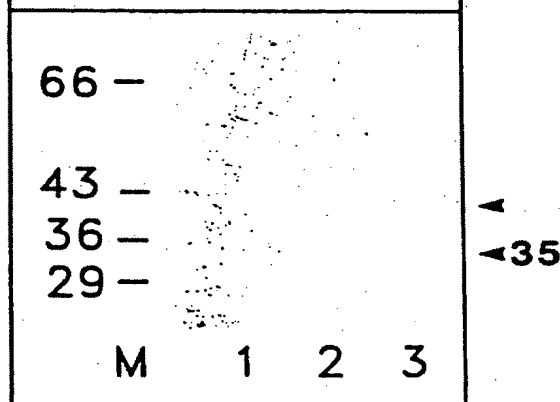


FIGURE 39C

NOVEL TOOLS FOR THE DIAGNOSIS AND
TREATMENT OF ALZHEIMER'S DISEASE
MANDELKOW ET AL. U.S.S.N. 09/640,737
ATTORNEY DOCKET NO. 28384/36668
REPLACEMENT SHEET

49 / 50

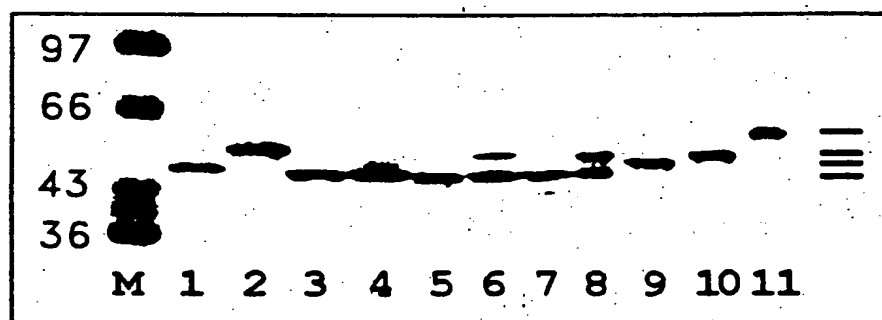
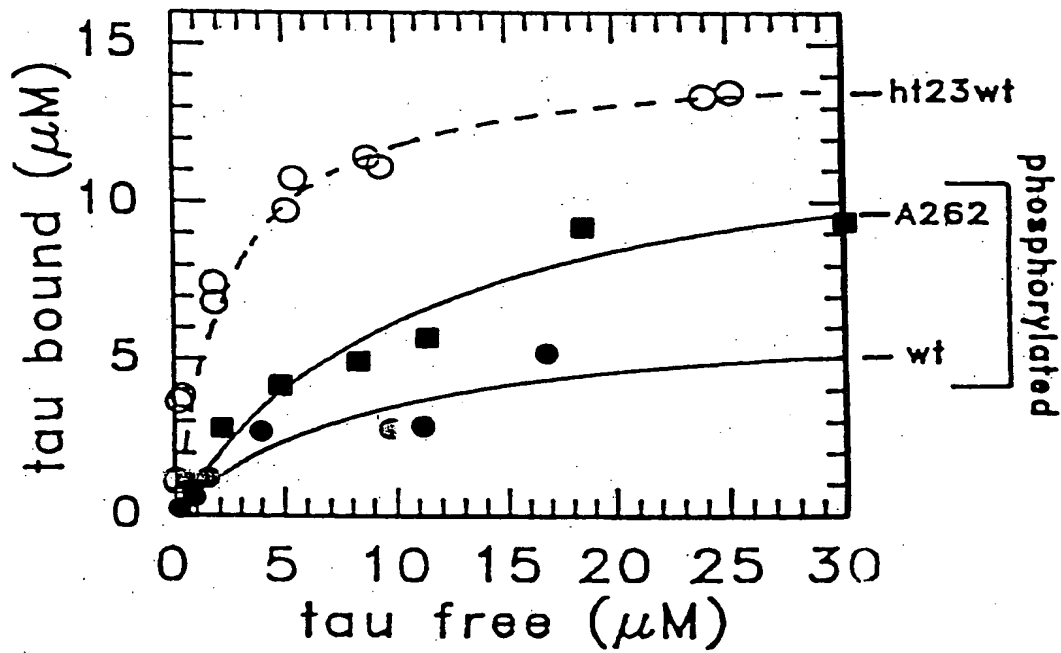


FIGURE 40A

50 / 55

FIGURE 40B



51 / 55

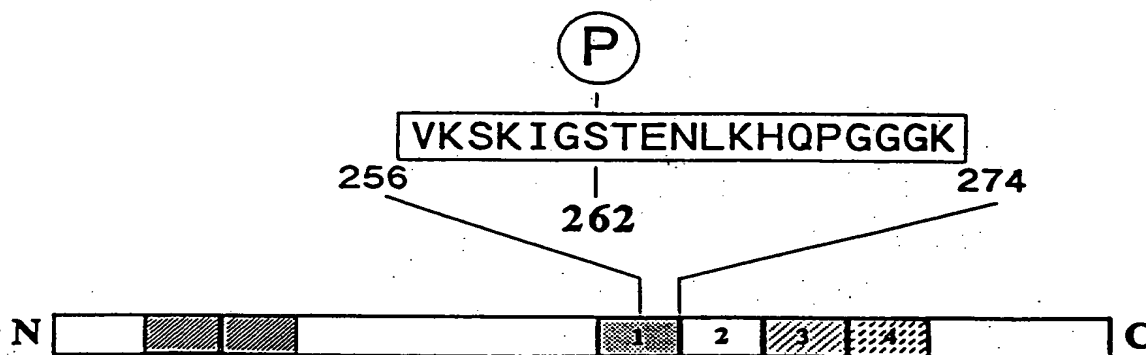


FIGURE 41

NOVEL TOOLS FOR THE DIAGNOSIS AND
TREATMENT OF ALZHEIMER'S DISEASE
MANDELKOW ET AL. U.S.S.N. 09/640,737
ATTORNEY DOCKET NO. 28384/36668
REPLACEMENT SHEET

52 / 55

1 2 3 4



FIGURE 42A



FIGURE 42B



FIGURE 42C



FIGURE 42D

1 2 3 4 5 6



FIGURE 43A



FIGURE 43B



FIGURE 43C

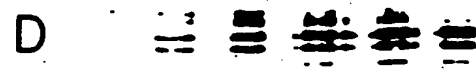


FIGURE 43D



FIGURE 43E

NOVEL TOOLS FOR THE DIAGNOSIS AND
TREATMENT OF ALZHEIMER'S DISEASE

MANDELKOW ET AL. U.S.S.N. 09/640,737

ATTORNEY DOCKET NO. 28384/36668

REPLACEMENT SHEET

53 / 55

FIGURE 44A

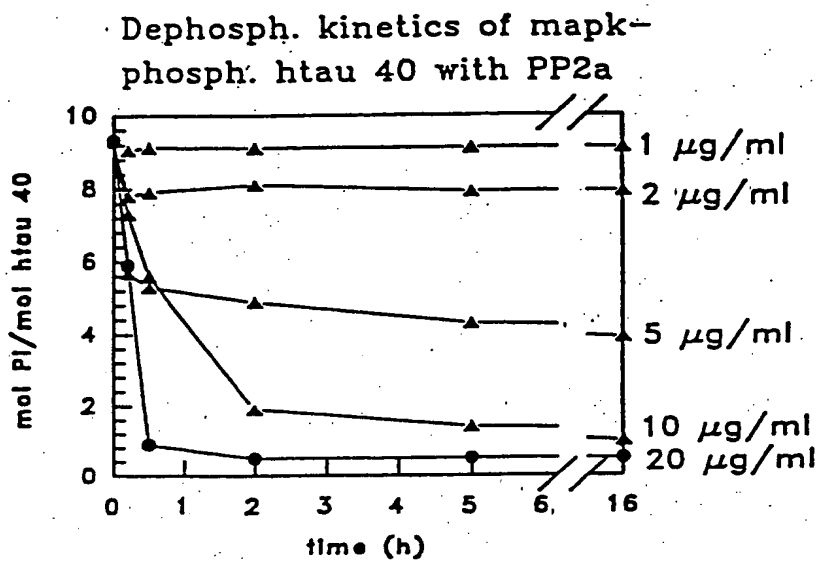
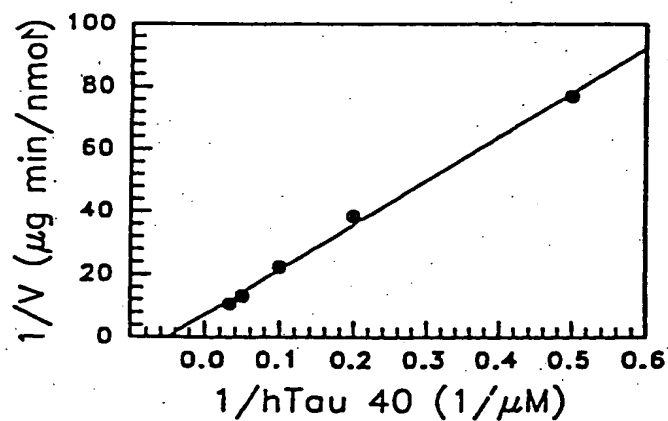
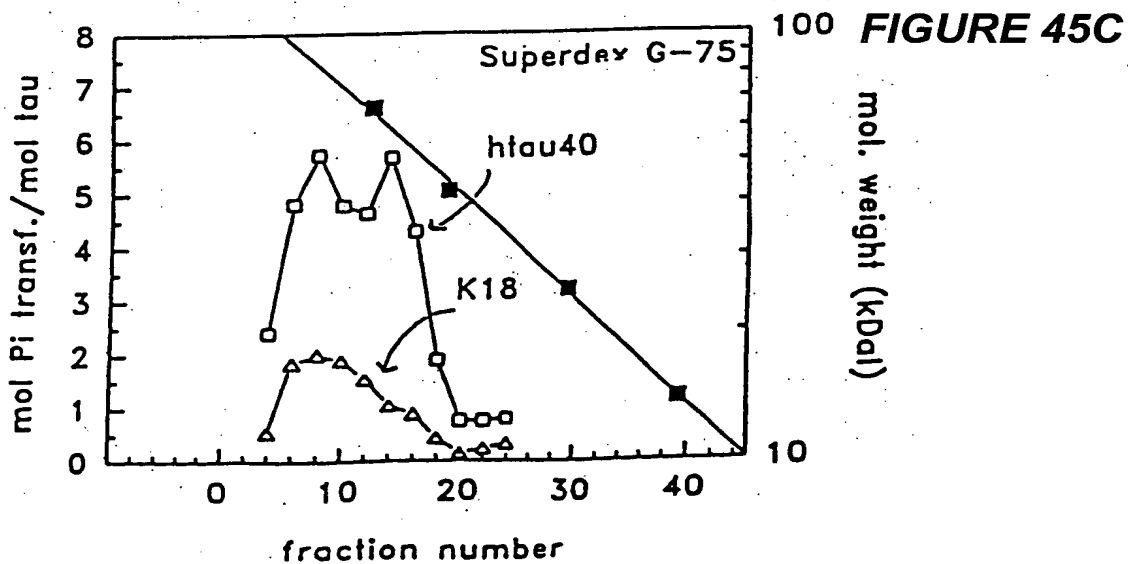
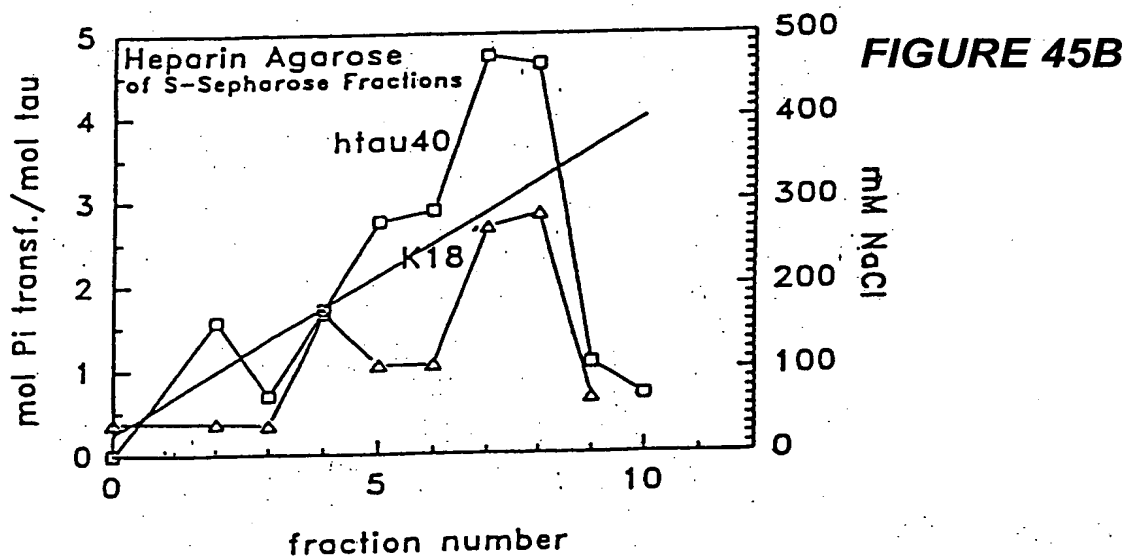
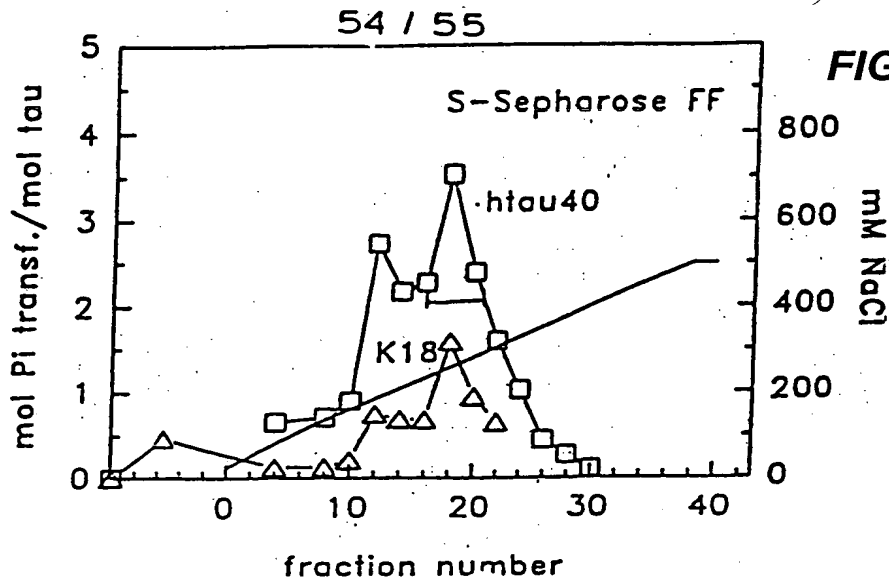


FIGURE 44B



NOVEL TOOLS FOR THE DIAGNOSIS AND
TREATMENT OF ALZHEIMER'S DISEASE
MANDELKOW ET AL. U.S.S.N. 09/640,737
ATTORNEY DOCKET NO. 28384/36668
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NOVEL TOOLS FOR THE DIAGNOSIS AND
TREATMENT OF ALZHEIMER'S DISEASE
MANDELKOW ET AL. U.S.S.N. 09/640,737
ATTORNEY DOCKET NO. 28384/36668
REPLACEMENT SHEET

55 / 55



FIGURE 46A

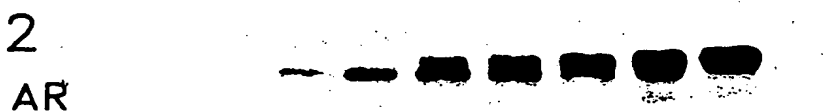


FIGURE 46B

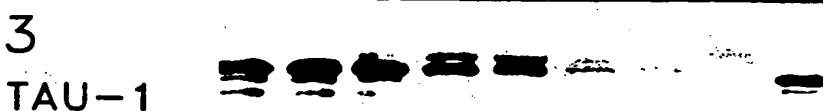


FIGURE 46C

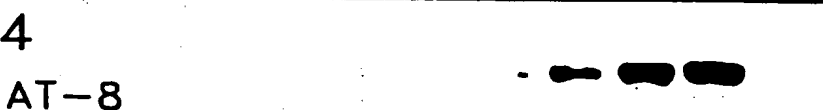


FIGURE 46D

LANE	1	2	3	4	5	6	7	8	9
TIME (h)	0	0.2	0.5	1.5	3	6	10	24	0